

Anti-NFIB / NF1B2 antibody [EPR14122] - BSA and Azide free ab250892

Recombinant RabMAb

[1 References](#) [9 Images](#)

Overview

Product name	Anti-NFIB / NF1B2 antibody [EPR14122] - BSA and Azide free
Description	Rabbit monoclonal [EPR14122] to NFIB / NF1B2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, IHC-P, ICC/IF, Flow Cyt (Intra), WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250892 is the carrier-free version of ab186738.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14122
Isotype	IgG

Applications

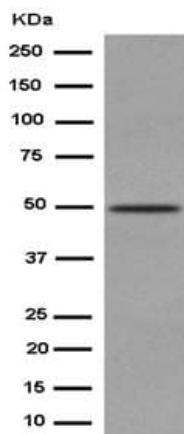
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250892 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 47,53,55 kDa (predicted molecular weight: 47 kDa).

Target

Function	Recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.
Sequence similarities	Belongs to the CTF/NF-I family. Contains 1 CTF/NF-I DNA-binding domain.
Cellular localization	Nucleus.

Images



Western blot - Anti-NFIB / NF1B2 antibody
[EPR14122] - BSA and Azide free (ab250892)

Anti-NFIB / NF1B2 antibody [EPR14122] ([ab186738](#)) at 1/5000 dilution + Human fetal brain at 20 µg

Secondary

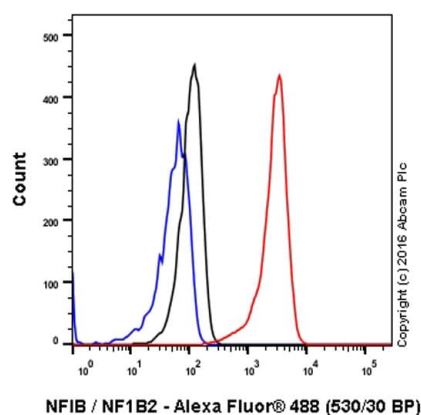
Goat Anti-Rabbit IgG H&L (HRP) ([ab136636](#)) at 1/1000 dilution

Developed using the ECL technique.

Predicted band size: 47 kDa

Observed band size: 47 kDa

This data was developed using [ab186738](#), the same antibody clone in a different buffer formulation.



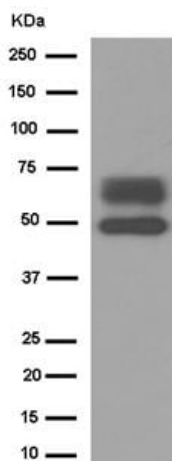
Flow Cytometry (Intracellular) - Anti-NFIB / NF1B2 antibody [EPR14122] - BSA and Azide free (ab250892)

This data was developed using [ab186738](#), the same antibody clone in a different buffer formulation.

[ab186738](#) staining NFIB / NF1B2 in the human cell line HeLa (human cervix adenocarcinoma) by intracellular flow cytometry. Cells were fixed with 4% paraformaldehyde, permeabilised with 90% methanol and the sample was incubated with the primary antibody at a dilution of 1/70. A goat anti rabbit IgG (Alexa Fluor® 488) at a dilution of 1/2000 was used as the secondary antibody.

Isootype control: Rabbit monoclonal IgG (Black)

Unlabelled control: Cell without incubation with primary antibody and secondary antibody (Blue)



Western blot - Anti-NFIB / NF1B2 antibody
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Anti-NFIB / NF1B2 antibody [EPR14122] (**ab186738**) at 1/5000
dilution + HeLa cell lysate at 10 µg

Secondary

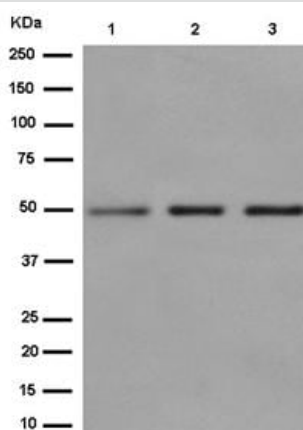
goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000
dilution

Developed using the ECL technique.

Predicted band size: 47 kDa

Observed band size: 47, 53, 55 kDa

This data was developed using **ab186738**, the same antibody
clone in a different buffer formulation.



Western blot - Anti-NFIB / NF1B2 antibody
[EPR14122] - BSA and Azide free (ab250892)

All lanes : Anti-NFIB / NF1B2 antibody [EPR14122] (**ab186738**) at
1/1000 dilution

Lane 1 : C6 cell lysate

Lane 2 : PC-12 cell lysate

Lane 3 : NIH/3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

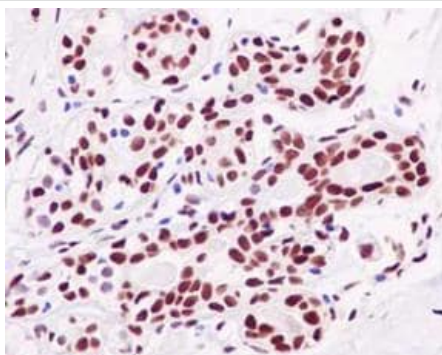
All lanes : goat anti-rabbit IgG, (H+L), peroxidase conjugated at
1/1000 dilution

Developed using the ECL technique.

Predicted band size: 47 kDa

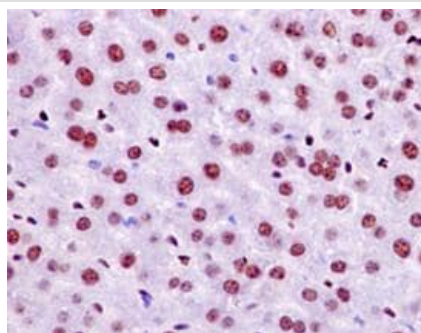
Observed band size: 47 kDa

This data was developed using [**ab186738**](#), the same antibody clone in a different buffer formulation.



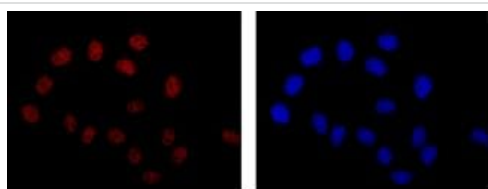
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NFIB / NF1B2 antibody [EPR14122] - BSA and Azide free (ab250892)

This data was developed using [**ab186738**](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded, Human breast tissue labeling NFIB / NF1B2 with [**ab186738**](#) at a 1/500 dilution. Counter stained with hematoxylin. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



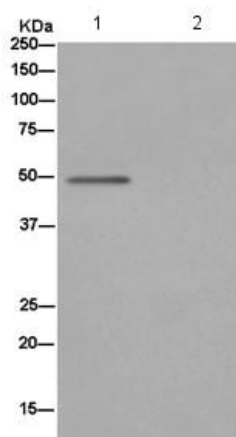
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NFIB / NF1B2 antibody [EPR14122] - BSA and Azide free (ab250892)

This data was developed using [**ab186738**](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded, mouse liver tissue labeling NFIB / NF1B2 with [**ab186738**](#) at a 1/500 dilution. Counter stained with hematoxylin. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-NFIB / NF1B2 antibody [EPR14122] - BSA and Azide free (ab250892)

This data was developed using [**ab186738**](#), the same antibody clone in a different buffer formulation. Immunofluorescence analysis of, paraformaldehyde-fixed, HeLa cells labeling NFIB / NF1B2 with [**ab186738**](#) at a 1/100 dilution. As secondary antibody goat anti-rabbit IgG (Alexa Fluor®555) was used at a 1/200. In blue DAPI staining.



This data was developed using **ab186738**, the same antibody clone in a different buffer formulation.

Western blot analysis on immunoprecipitation from 1) Human fetal brain lysate and 2) PBS, labeling NFIB / NF1B2 using **ab186738** at 1/50 dilution and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG at a 1/1500 dilution.

Immunoprecipitation - Anti-NFIB / NF1B2 antibody
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Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-NFIB / NF1B2 antibody [EPR14122] - BSA and Azide free (ab250892)

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