

Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free ab251210

Recombinant RabMAb

9 Images

Overview

Product name	Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free
Description	Rabbit monoclonal [EPR15957] to NDUFS6 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab251210 is the carrier-free version of ab195807.</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
Clonality	Monoclonal
Clone number	EPR15957
Isotype	IgG

Applications

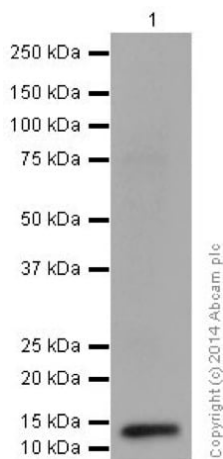
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251210 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 13 kDa (predicted molecular weight: 13 kDa).
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Function	Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.
Sequence similarities	Belongs to the complex I NDUFS6 subunit family.
Cellular localization	Mitochondrion inner membrane.

Images



Western blot - Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free (ab251210)

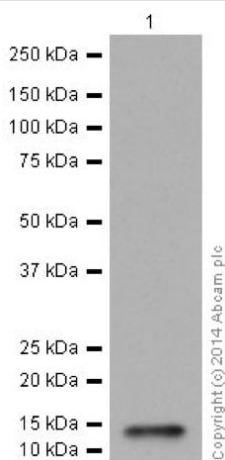
Anti-NDUFS6 antibody [EPR15957] ([ab195807](#)) at 1/10000 dilution + Human fetal kidney lysate at 20 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 13 kDa

This data was developed using [ab195807](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free (ab251210)

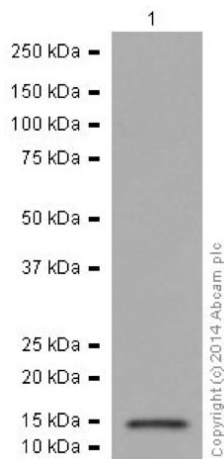
Anti-NDUFS6 antibody [EPR15957] ([ab195807](#)) at 1/10000 dilution + Human fetal heart at 20 µg

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 13 kDa

This data was developed using [ab195807](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free (ab251210)

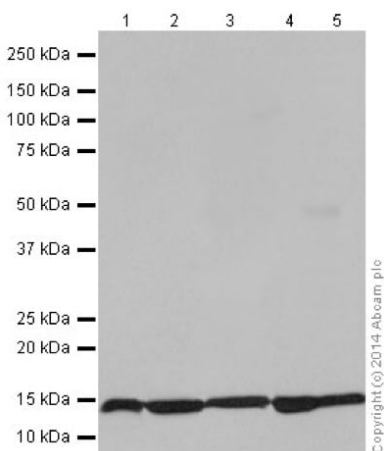
Anti-NDUFS6 antibody [EPR15957] ([ab195807](#)) at 1/10000 dilution + Human skeletal muscle lysate at 20 μ g

Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 13 kDa

This data was developed using [ab195807](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free (ab251210)

All lanes : Anti-NDUFS6 antibody [EPR15957] ([ab195807](#)) at 1/1000 dilution

Lane 1 : Mouse brain lysate

Lane 2 : Mouse heart lysate

Lane 3 : Rat brain lysate

Lane 4 : Rat heart lysate

Lane 5 : Rat kidney lysate

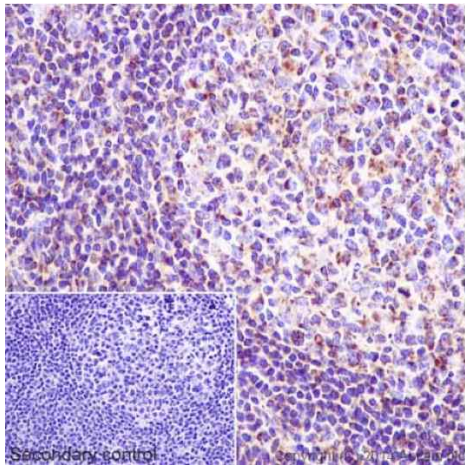
Lysates/proteins at 10 μ g per lane.

Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 13 kDa

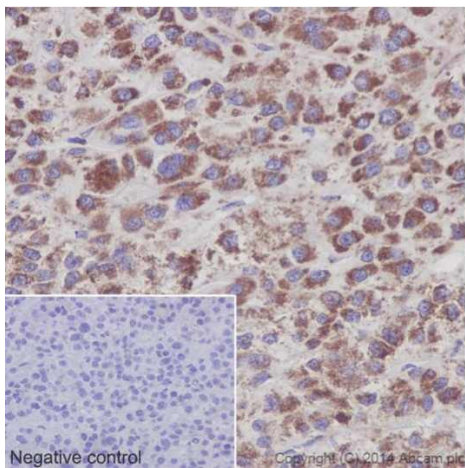
This data was developed using [ab195807](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free (ab251210)

This data was developed using [ab195807](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling NDUFS6 with [ab195807](#) at 1/500. Secondary antibody: Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500. Inset image: negative control obtained using PBS instead of [ab195807](#) and secondary antibody only.

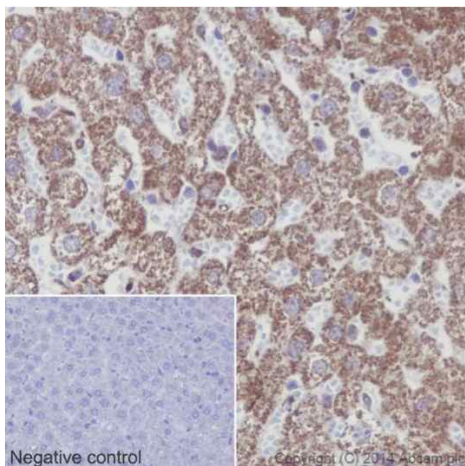
Note: Cytoplasm staining on human tonsil tissue was observed. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free (ab251210)

This data was developed using [ab195807](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human hepatocellular carcinoma tissue labeling NDUFS6 with [ab195807](#) at 1/500. Secondary antibody: Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500. Inset image: negative control obtained using PBS instead of [ab195807](#) and secondary antibody only.

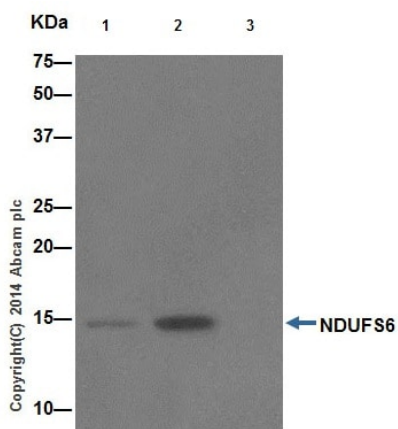
Note: Cytoplasm staining on human hepatocellular carcinoma tissue was observed. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free (ab251210)

This data was developed using **ab195807**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Rat liver tissue labeling NDUFS6 with **ab195807** at 1/500. Secondary antibody: Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500. Inset image: negative control obtained using PBS instead of **ab195807** and secondary antibody only.

Note: Cytoplasm staining on rat liver tissue was observed. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunoprecipitation - Anti-NDUFS6 antibody [EPR15957] - BSA and Azide free (ab251210)

This data was developed using **ab195807**, the same antibody clone in a different buffer formulation. Immunoprecipitation analysis of Human fetal kidney lysate labeling NDUFS6 using **ab195807** at 1/30 dilution (Lane 2). Lane 3: IP using Rabbit monoclonal IgG (**ab172730**) instead of **ab195807** in Human fetal kidney lysates. Lane 1: Input: 10 µg Human fetal kidney lysates. Subsequent WB detection was performed using **ab195807** at 1/1000 dilution. An Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 was used as secondary antibody.

Why choose a recombinant antibody?



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