


Product datasheet

Anti-TAF3 antibody [EPR15598] ab188332

Recombinant RabMAb

★★★★★ [4 Abreviews](#) [1 References](#) [6 Images](#)

Overview

Product name	Anti-TAF3 antibody [EPR15598]
Description	Rabbit monoclonal [EPR15598] to TAF3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	K562, HeLa, HepG2 and 293 cell lysate. Human colon and Human papillary adenocarcinoma of thyroid tissue. HeLa cells.
General notes	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15598

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab188332 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		1/1000 - 1/2000. Detects a band of approximately 140 kDa (predicted molecular weight: 104 kDa).
IHC-P	★★★★★ (3)	1/500 - 1/1000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF	★★★★★ (1)	1/100 - 1/500.

Target

Function

Transcription factor TFIIID is one of the general factors required for accurate and regulated initiation by RNA polymerase II. TFIIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. Required in complex with TBPL2 for the differentiation of myoblasts into myocytes. The complex replaces TFIIID at specific promoters at an early stage in the differentiation process.

Sequence similarities

Belongs to the TAF3 family.
Contains 1 PHD-type zinc finger.

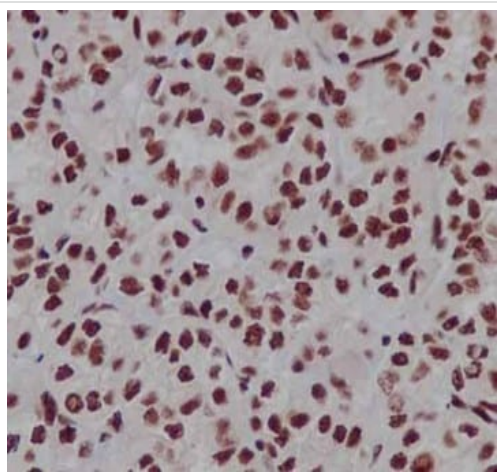
Domain

The PHD-type zinc finger mediates binding to histone H3 methyllysine at position 4 (H3K4me3).

Cellular localization

Nucleus.

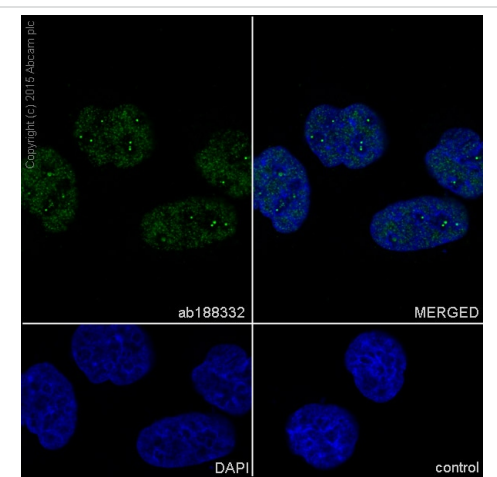
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TAF3 antibody [EPR15598] (ab188332)

Immunohistochemical analysis of paraffin-embedded Human papillary adenocarcinoma of thyroid tissue, labeling TAF3 with ab188332 at 1/1000 dilution. Detected using HRP Polymer for Rabbit IgG and counter-stained using hematoxylin.

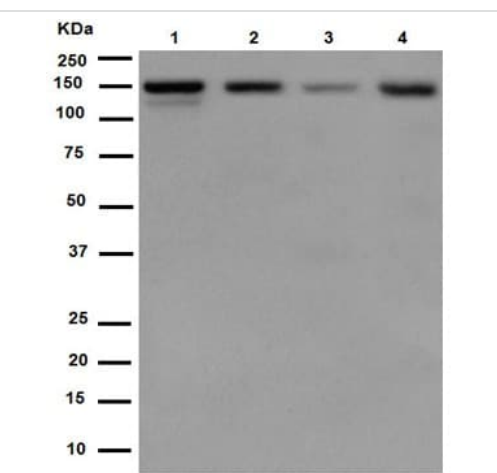
Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-TAF3 antibody [EPR15598] (ab188332)

Immunocytochemistry/Immunofluorescence analysis of HeLa (human cervix adenocarcinoma) labelling TAF3 with purified ab188332 at 1/500. Cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. An Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody (Ab150077). Nuclei counterstained with DAPI (blue).

Control: PBS only



Western blot - Anti-TAF3 antibody [EPR15598] (ab188332)

All lanes : Anti-TAF3 antibody [EPR15598] (ab188332) at 1/1000 dilution

Lane 1 : K562 cell lysate

Lane 2 : HeLa cell lysate

Lane 3 : HepG2 cell lysate

Lane 4 : 293 cell lysate

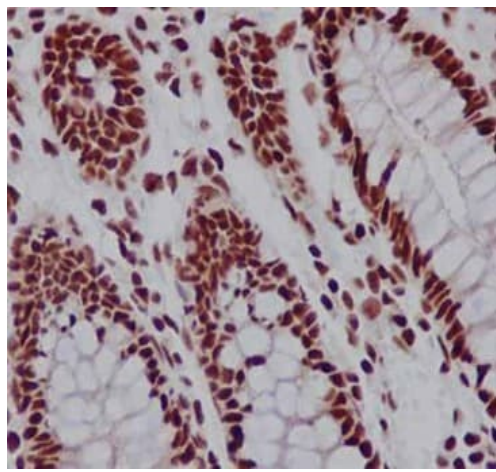
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/100 dilution

Predicted band size: 104 kDa

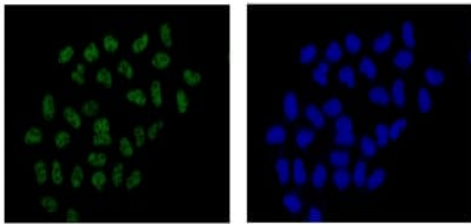
Observed band size: 140 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TAF3 antibody [EPR15598] (ab188332)

Immunohistochemical analysis of paraffin-embedded Human colon tissue, labeling TAF3 with ab188332 at 1/1000 dilution. Detected using HRP Polymer for Rabbit IgG and counter-stained using hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-TAF3 antibody [EPR15598] (ab188332)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa cells, labeling TAF3 (green) with ab188332 at 1/100 dilution. Alexa Fluor®488-conjugated goat anti-rabbit IgG was used as a secondary antibody at 1/200 dilution. Nuclei were counterstained with DAPI (blue).

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-TAF3 antibody [EPR15598] (ab188332)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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