


Product datasheet

Anti-TAF9 antibody [EPR12075(B)] ab169784

Recombinant RabMAb

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Overview

Product name	Anti-TAF9 antibody [EPR12075(B)]
Description	Rabbit monoclonal [EPR12075(B)] to TAF9
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Cow, Orangutan 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HeLa, A431, MCF-7 and K562 cell lysates.
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: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR12075(B)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab169784 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 - 1/10000. Predicted molecular weight: 29 kDa.
ICC/IF		1/500. For unpurified use at 1/100 - 1/250

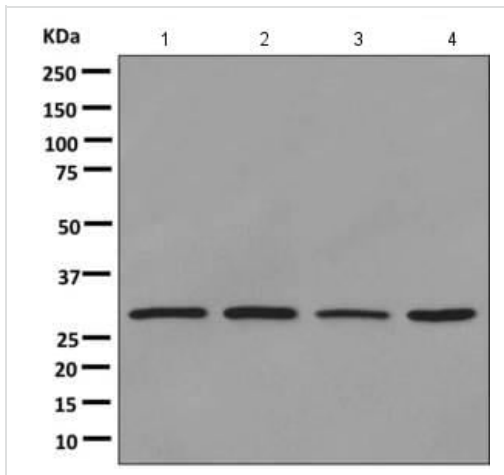
Application notes Is unsuitable for Flow Cyt, IHC-P or IP.

Target

Relevance TAF9 functions as a component of the DNA-binding general transcription factor complex TFIID and the regulatory transcription complex SAGA. Binding of TFIID to a promoter (with or without TATA element) is the initial step in pre-initiation complex (PIC) formation. TFIID plays a key role in the regulation of gene expression by RNA polymerase II through different activities such as transcription activator interaction, core promoter recognition and selectivity, TFIIA and TFIIB interaction, chromatin modification (histone acetylation by TAF1), facilitation of DNA opening and initiation of transcription. SAGA influences RNA polymerase II transcriptional activity through different activities such as TBP interaction (SPT3 and SPT8) and promoter selectivity, interaction with transcription activators (GCN5, ADA2, ADA3, and TRA1), and chromatin modification through histone acetylation (GCN5).

Cellular localization Nuclear

Images



Western blot - Anti-TAF9 antibody [EPR12075(B)] (ab169784)

All lanes : Anti-TAF9 antibody [EPR12075(B)] (ab169784) at 1/1000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : A431 cell lysate

Lane 3 : MCF7 cell lysate

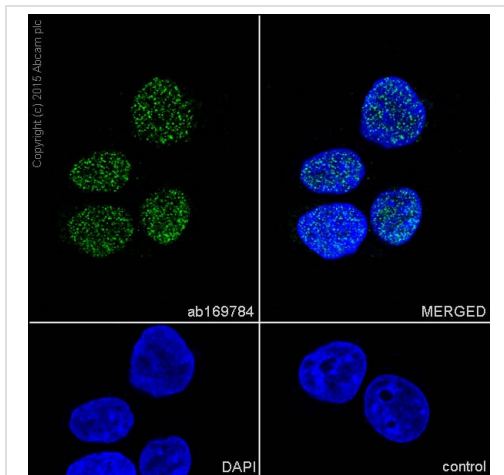
Lane 4 : K562 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP at 1/2000 dilution

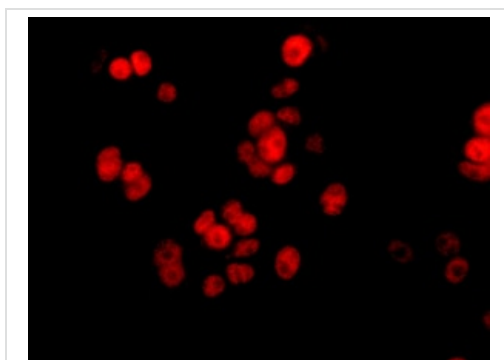
Predicted band size: 29 kDa



Immunocytochemistry/ Immunofluorescence - Anti-TAF9 antibody [EPR12075(B)] (ab169784)

Immunocytochemistry/Immunofluorescence analysis of MCF-7 (human breast carcinoma) cells labelling TAF9 with purified ab169784 at 1/500. Cells were fixed with 4% Paraformaldehyde. An Alexa Fluor® 488-conjugated goat anti-rabbit IgG (**ab150077**) at 1/1000 dilution was used as the secondary antibody. Nuclei counterstained with DAPI (blue).

Secondary Only Control: PBS was used instead of the primary antibody as the negative control.



Immunocytochemistry/ Immunofluorescence - Anti-TAF9 antibody [EPR12075(B)] (ab169784)

Immunofluorescence analysis of MCF7 cells, labeling TAF9 using ab169784 at a 1/100 dilution.

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-TAF9 antibody [EPR12075(B)] (ab169784)

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

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