abcam

Product datasheet

Anti-TNFAIP8 antibody [EPR10058(3)] ab195810

Recombinant RabMAb

6 References 4 Images

Overview

Product name	Anti-TNFAIP8 antibody [EPR10058(3)]
Description	Rabbit monoclonal [EPR10058(3)] to TNFAIP8
Host species	Rabbit
Tested applications	**Suitable for:** WB, IP
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Spleen (Human) Whole Cell Lysate - fetal normal tissue (**ab29701**) can be used as a positive control in WB. K562, A549 and A431 cell lysates.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

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, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR10058(3)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab195810 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. Detects a band of approximately 21, 19 kDa (predicted molecular weight: 23 kDa).
IP		1/70.

Target

Function Acts as a negative mediator of apoptosis and may play a role in tumor progression. Suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation.

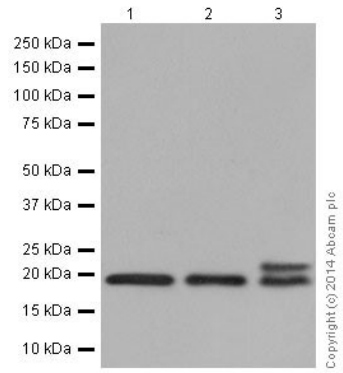
Tissue specificity Expressed at high levels in the spleen, lymph node, thymus, thyroid, bone marrow and placenta. Expressed at high levels both in various tumor tissues, unstimulated and cytokine-activated cultured cells. Expressed at low levels in the spinal cord, ovary, lung, adrenal glands, heart, brain, testis and skeletal muscle.

Sequence similarities Belongs to the TNFAIP8 family.

Developmental stage Expressed at high levels in the fetal liver, lung and kidney.

Cellular localization Cytoplasm.

Images



Western blot - Anti-TNFAIP8 antibody [EPR10058(3)] (ab195810)

All lanes : Anti-TNFAIP8 antibody [EPR10058(3)] (ab195810) at 1/1000 dilution

Lane 1 : K562 cell lysate
Lane 2 : A549 cell lysate
Lane 3 : A431 cell lysate

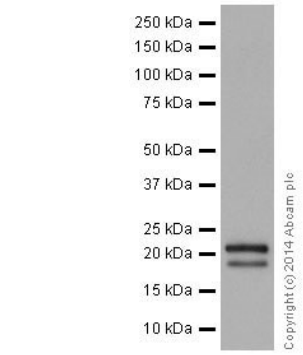
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 23 kDa
Observed band size: 19,21 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Based on the sequence analysis, ab195810 recognizes three isoforms with the predicted MWs of 23KDa, 22KDa and 22KDa, respectively.



Western blot - Anti-TNFAIP8 antibody [EPR10058(3)] (ab195810)

Anti-TNFAIP8 antibody [EPR10058(3)] (ab195810) at 1/1000 dilution + Human fetal spleen lysate at 20 µg

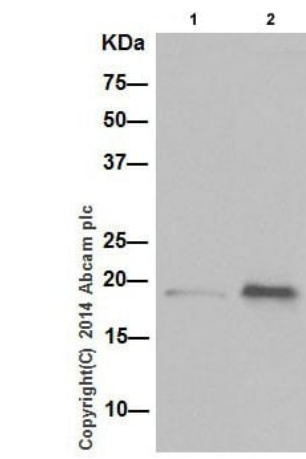
Secondary

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

Predicted band size: 23 kDa
Observed band size: 19,21 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Based on the sequence analysis, ab195810 recognizes three isoforms with the predicted MWs of 23KDa, 22KDa and 22KDa, respectively.



Immunoprecipitation - Anti-TNFAIP8 antibody [EPR10058(3)] (ab195810)

TNFAIP8 was immunoprecipitated from K562 (Human chronic myelogenous leukemia cells from bone marrow) whole cell extract with ab195810 at 1/70 dilution (Lane 2). Western blot was performed from the immunoprecipitate using ab195810 at 1/1000 dilution. Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG, was used as secondary antibody at 1/1500 dilution. Lane 1: K562 whole cell extract (Input) 10µg. Lane 2: ab195810 IP in K562 whole cell extract. Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab195810 in K562 whole cell extract.
Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Anti-TNFAIP8 antibody [EPR10058(3)] (ab195810)

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