




Product datasheet

Anti-TRAF4 antibody - C-terminal ab190986

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Overview

Product name	Anti-TRAF4 antibody - C-terminal
Description	Rabbit polyclonal to TRAF4 - C-terminal
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide corresponding to Human TRAF4 aa 400 to the C-terminus (C terminal). Database link: Q9BUZ4  Run BLAST with  Run BLAST with
Positive control	Rat thymus, Hela, Jurkat, Hepa lysates. Rat lymphonodus tissue and human lung cancer tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</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	Preservatives: 0.025% Sodium azide, 0.025% Thimerosal (merthiolate) Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab190986 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
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 54 kDa.

Target

Function

Adapter protein and signal transducer that links members of the tumor necrosis factor receptor (TNFR) family to different signaling pathways. Plays a role in the activation of NF-kappa-B and JNK, and in the regulation of cell survival and apoptosis. Regulates activation of NF-kappa-B in response to signaling through Toll-like receptors. Required for normal skeleton development, and for normal development of the respiratory tract (By similarity). Required for activation of RPS6KB1 in response to TNF signaling. Modulates TRAF6 functions.

Tissue specificity

Expressed in epithelial cells of thymus, dendritic cells of lymph node, and in the basal cell layer of epithelia such as epidermis, nasopharynx, respiratory tract, salivary gland, and esophagus.

Sequence similarities

Belongs to the TNF receptor-associated factor family. B subfamily.
Contains 1 MATH domain.
Contains 1 RING-type zinc finger.
Contains 3 TRAF-type zinc fingers.

Domain

The coiled coil domain mediates homo- and hetero-oligomerization.
The MATH/TRAF domain binds to receptor cytoplasmic domains.

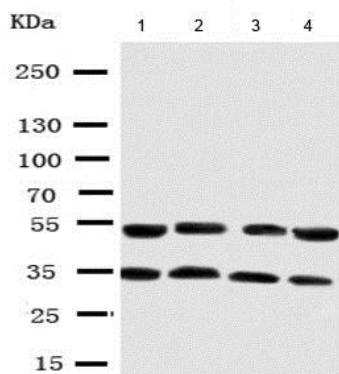
Post-translational modifications

Polyubiquitinated, leading to its proteasomal degradation.

Cellular localization

Cytoplasm. Nucleus. Cytoplasm > perinuclear region. Cell junction > tight junction. Cell membrane. Cytoplasm > cytoskeleton.

Images



Western blot - Anti-TRAF4 antibody - C-terminal (ab190986)

All lanes : Anti-TRAF4 antibody - C-terminal (ab190986) at 0.5 $\mu\text{g/ml}$

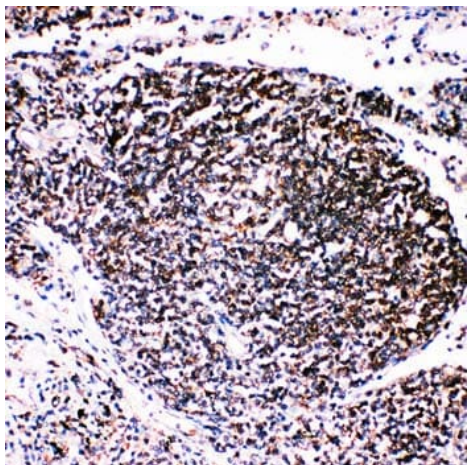
Lane 1 : Rat thymus lysate

Lane 2 : HeLa lysate

Lane 3 : Jurkat lysate

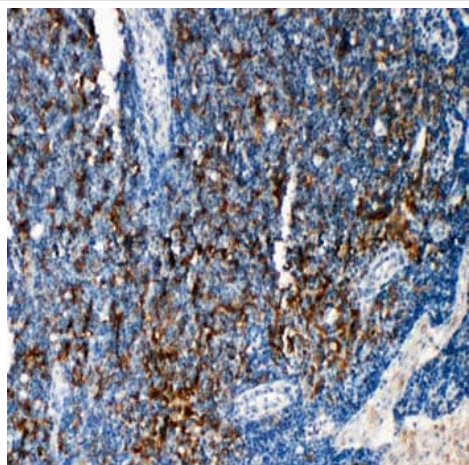
Lane 4 : Hepa lysate

Predicted band size: 54 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRAF4 antibody - C-terminal (ab190986)

Immunohistochemical analysis of formalin fixed paraffin embedded human lung cancer tissue labeling TRAF4 with ab190986 at 1 $\mu\text{g/ml}$.



Immunohistochemical analysis of formalin fixed paraffin embedded rat lymphonodus tissue labeling TRAF4 with ab190986 at 1 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRAF4 antibody - C-terminal (ab190986)

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

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