

Anti-TRIF antibody ab13810

★★★★☆ [6 Abreviews](#) [46 References](#) [3 Images](#)

Overview

Product name	Anti-TRIF antibody
Description	Rabbit polyclonal to TRIF
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat
Immunogen	Synthetic peptide within Mouse TRIF aa 100-200. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. Database link: Q80UF7
Positive control	WB: Mouse spleen, intestine and RAW 264.7 cell lysates. IHC-P: Mouse spleen 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. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab13810 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	★ ★ ★ ★ ★ (3)	Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 79.23 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.
IHC-P		1/200.

Target

Function

Involved in innate immunity against invading pathogens. Adapter used by TLR3 and TLR4 (through TICAM2) to mediate NF-kappa-B and interferon-regulatory factor (IRF) activation, and to induce apoptosis. Ligand binding to these receptors results in TRIF recruitment through its TIR domain. Distinct protein-interaction motifs allow recruitment of the effector proteins TBK1, TRAF6 and RIPK1, which in turn, lead to the activation of transcription factors IRF3 and IRF7, NF-kappa-B and FADD respectively.

Tissue specificity

Ubiquitously expressed but with higher levels in liver.

Sequence similarities

Contains 1 TIR domain.

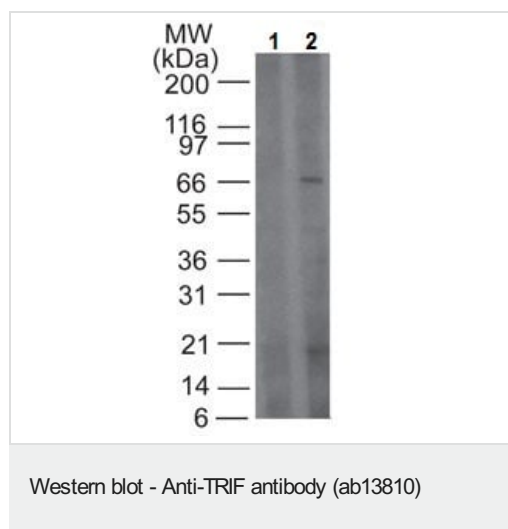
Domain

The N-terminal region is essential for activation of the IFNB promoter activity.

Post-translational modifications

Phosphorylated by TBK1.

Images

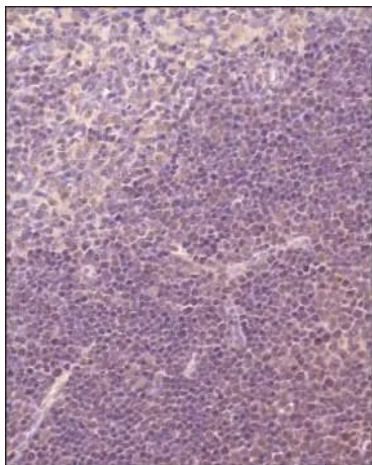


All lanes : Anti-TRIF antibody (ab13810) at 1/1000 dilution

Lane 1 : Mouse spleen lysate with immunizing peptide

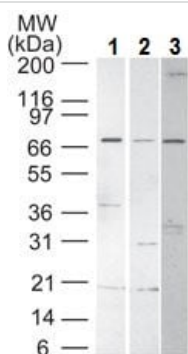
Lane 2 : Mouse spleen lysate

Predicted band size: 79.23 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TRIF antibody (ab13810)

Immunohistochemical analysis of a FFPE tissue section of mouse spleen using 1/200 dilution of ab13810. The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin.



Western blot - Anti-TRIF antibody (ab13810)

All lanes : Anti-TRIF antibody (ab13810) at 1/1000 dilution

Lane 1 : Mouse intestine lysate

Lane 2 : Mouse spleen lysate

Lane 3 : RAW 264.7 (mouse macrophage cell line transformed with Abelson murine leukemia virus) cell lysate

Predicted band size: 79.23 kDa

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

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