

Product datasheet

Anti-TNFAIP3 antibody ab93868

★★★★★ [1 Abreviews](#) [1 References](#) [2 Images](#)

Overview

Product name	Anti-TNFAIP3 antibody
Description	Rabbit polyclonal to TNFAIP3
Host species	Rabbit
Tested applications	Suitable for: WB, IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to a region within amino acids 525-575 (LQDVTRTFNG ICSTCFKRTT AEASSSLSTS LPPSCHQRSK SDPSRLVRSP S) of Human TNFAIP3 (NP_006281.1). Run BLAST with Expasy Run BLAST with NCBI
Positive control	HeLa whole cell lysate (ab150035)
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
Purity	Immunogen affinity purified
Purification notes	ab93868 was affinity purified using an epitope specific to TNFAIP3 immobilized on solid support.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab93868 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)	1/2000 - 1/10000. Predicted molecular weight: 90 kDa.
IP		Use at 2-5 µg/mg of lysate.

Target

Function

Ubiquitin-editing enzyme that contains both ubiquitin ligase and deubiquitinase activities. Essential component of a ubiquitin-editing protein complex, comprising also RNF11, ITCH and TAX1BP1, that ensures the transient nature of inflammatory signaling pathways. Upon TNF stimulation, deubiquitinates 'Lys-63'-polyubiquitin chains on RIPK1 and catalyzes the formation of 'Lys-48'-polyubiquitin chains. This leads to RIPK1 proteasomal degradation and consequently termination of the TNF- or LPS-mediated activation of NF-kappa-B. In vitro able to deubiquitinate both 'Lys-48'- and 'Lys-63' polyubiquitin chains. Inhibitor of programmed cell death. Has a role in the function of the lymphoid system.

Sequence similarities

Belongs to the peptidase C64 family.
Contains 7 A20-type zinc fingers.
Contains 1 OTU domain.

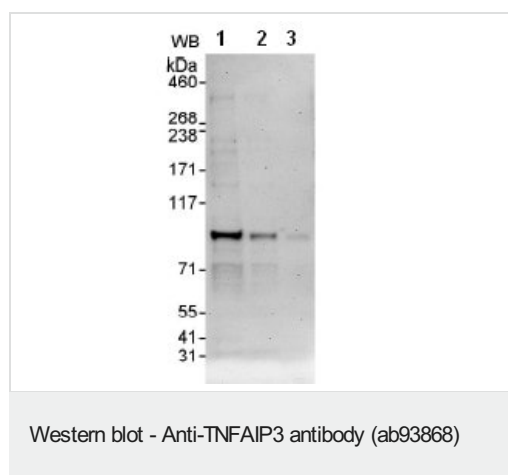
Domain

The A20-type zinc fingers mediate the ubiquitin ligase activity.
The OTU domain mediates the deubiquitinase activity.

Cellular localization

Cytoplasm. Nucleus.

Images



All lanes : Anti-TNFAIP3 antibody (ab93868) at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

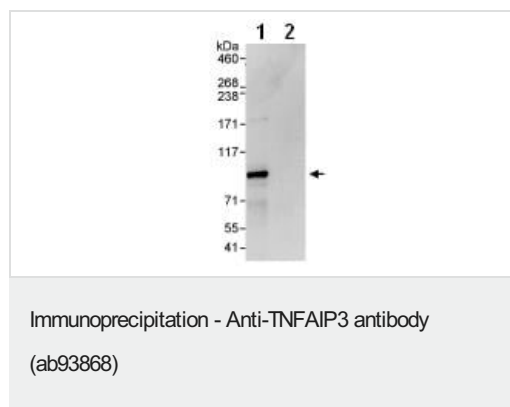
Lane 2 : HeLa whole cell lysate at 15 µg

Lane 3 : HeLa whole cell lysate at 5 µg

Developed using the ECL technique.

Predicted band size: 90 kDa

Exposure time: 3 minutes



ab93868, at 1 µg/ml, detecting TNFAIP3 in HeLa whole cell lysate by WB of IP.

Lane 1: IP with ab93868 at 3 µg/mg of lysate.

Lane 2: Control IgG.

1 mg of lysate was used for IP and 20% of the IP was loaded.

Detection: Chemiluminescence an with exposure time of 30 seconds.

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

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