Datasheet for ABIN500994

anti-TNFAIP3 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	TNFAIP3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFAIP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	TNFAIP3 antibody was raised against a 14 amino acid peptide near the carboxy terminus of human TNFAIP3.
Isotype:	IgG
Specificity:	This antibody detects TNFAIP3 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	TNFAIP3

Target Details

Alternative Name:	TNFAIP3 (TNFAIP3 Products)
Background:	TNFAIP3, also known as A20, is located in chromosome band 6q23, a region that is often deleted in B cell lymphomas. Recently, it was identified as a tumor suppressor gene in Hodgkin lymphoma and several subtypes of non-Hodgkin lymphomas. TNFAIP3 was initially identified as a zinc-finger protein that is rapidly and transiently induced by TNF-a, inhibiting NF-kB-dependent gene expression, and protecting cells from TNF-a-cytotoxicity. Overexpression of TNFAIP3 also inhibits the TLR2- and TLR4-mediated interleukin-8 synthesis in airway epithelial cells, suggesting that TNFAIP3 also acts as a negative regulator of TLR-mediated inflammatory responses, thereby protecting the host against harmful over-responses to pathogens. At least two isoforms of TNFAIP3 are known to exist.Synonyms: OTU domain-containing protein 7C, OTUD7C, Putative DNA-binding protein A20, Tumor necrosis factor alpha-induced protein 3, Zinc finger protein A20
Gene ID:	7128
NCBI Accession:	NP_006281
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	ELISA. Western blot: 1 - 2 µg/mL. Immunohistocheistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

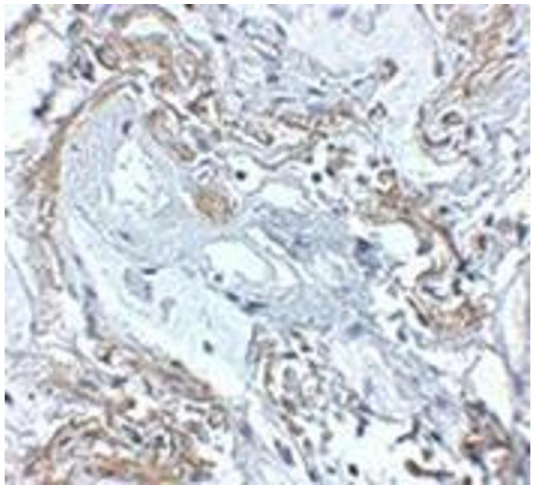
Handling

Buffer:	PBS containing 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.

Publications

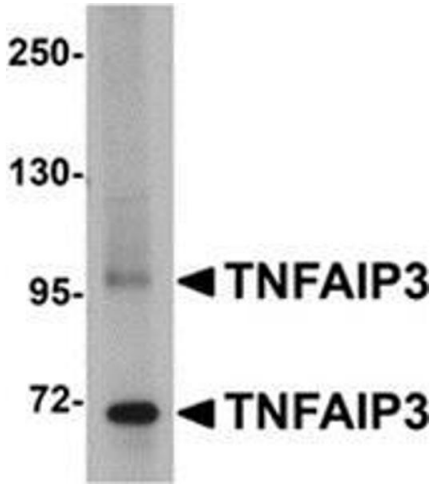
Product cited in:	van Dijk, Schilders, Pruijn: "Human cell growth requires a functional cytoplasmic exosome, which is involved in various mRNA decay pathways." in: **RNA (New York, N.Y.)**, Vol. 13, Issue 7, pp. 1027-35, (2007) (PubMed).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of TNFAIP3 in human lung tissue with this product at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of TNFAIP3 in SK-N-SH cell lysate with this product at 1 µg/ml.