

Datasheet for ABIN388956
anti-MIB1 antibody (N-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	MIB1
Binding Specificity:	AA 13-42, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Mib1/Mindbomb antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 13-42 amino acids from the N-terminal region of human Mib1/Mindbomb.
Clone:	RB4448
Isotype:	Ig Fraction
Predicted Reactivity:	Zf, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

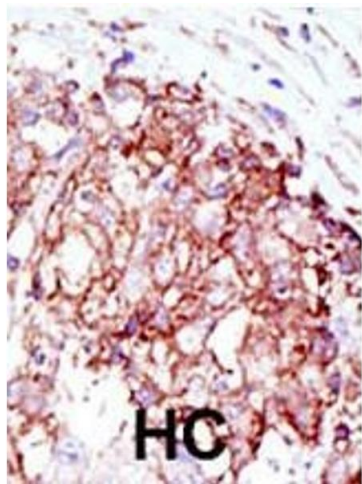
Target:	MIB1
Alternative Name:	Mib1/Mindbomb (MIB1 Products)
Background:	MIB is an E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. This protein positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. MIB probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis.
Molecular Weight:	110136
Gene ID:	57534
NCBI Accession:	NP_065825
UniProt:	Q86YT6
Pathways:	SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	IF: 1:20~100. WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

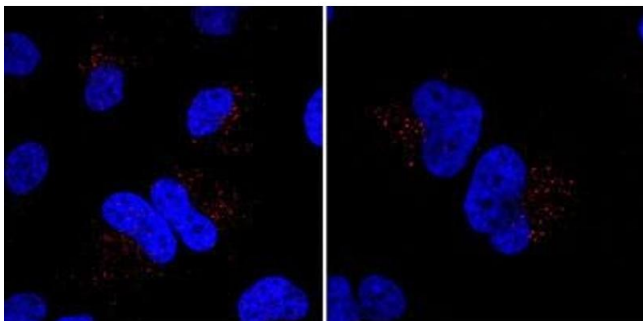
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



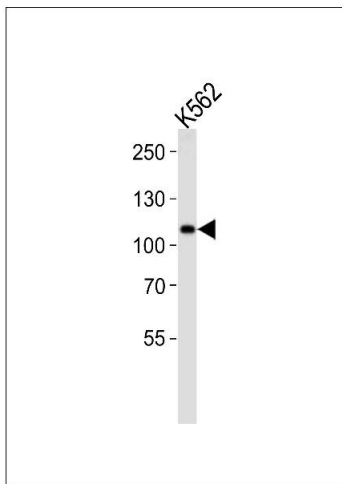
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Immunofluorescence

Image 2. Immunofluorescent staining of HeLa cells incubated with MIB Antibody (N-term) (Cat (ABIN388956 and ABIN2839208)) at a dilution of 1:20. Data courtesy of Dr. Vyacheslav Akimov, University of Southern Denmark.



Western Blotting

Image 3. MIB Antibody (K28) (ABIN388956 and ABIN2839208) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the MIB antibody detected the MIB protein (arrow).