Datasheet for ABIN3031774

anti-MIB1 antibody (AA 13-42)

2 Images

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Overview

Quantity:	0.4 mL
Target:	MIB1
Binding Specificity:	AA 13-42
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MIB1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A portion of amino acids 13-42 from the human protein was used as the immunogen for this Mib1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Zebrafish, Xenopus
Purification:	Purified

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

Target Details

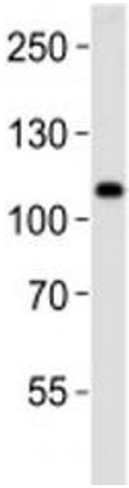
	as ligands of Notch proteins. This protein positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. MIB probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis.
UniProt:	Q86YT6
Pathways:	SARS-CoV-2 Protein Interactome, The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	Titration of the Mib1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Immunofluorescence: 1:20-1:100,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only

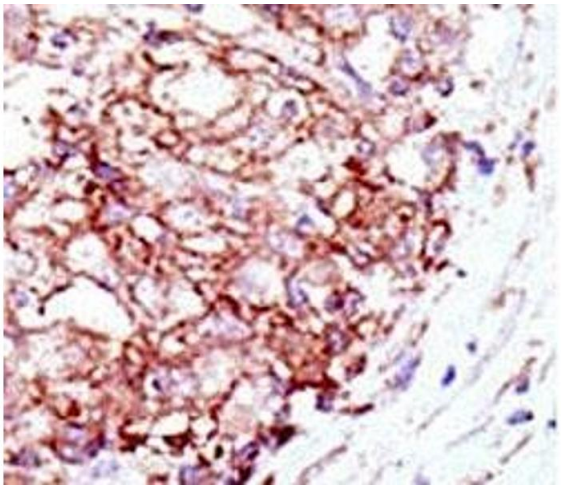
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the Mib1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Mib1 antibody western blot analysis in K562 lysate.



Immunohistochemistry

Image 2. IHC analysis of FFPE human hepatocarcinoma tissue stained with the Mib1 antibody