

Rabbit Mib1/Mindbomb Polyclonal Antibody | anti-MIB1 antibody

Mib1/Mindbomb Antibody (N-term)

CATALOG # AAA290111	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Zebrafish, Mouse, Xenopus)	APPLICATIONS Western Blot, Immunohistochemistry, ELISA, Immunofluorescence
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PRODUCT SYNONYMS

Mib1/Mindbomb; Polyclonal Antibody; Mib1/Mindbomb Antibody (N-term); E3 ubiquitin-protein ligase MIB1; 632-; DAPK-interacting protein 1; DIP-1; Mind bomb homolog 1; Zinc finger ZZ type with ankyrin repeat domain protein 2; MIB1; DIP1; KIAA1323; ZZANK2; anti-MIB1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Zebrafish, Mouse, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	13-42
Sequence Length	1,006
Applicable Applications for anti-MIB1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

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.



IF (Immunofluorescence)

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



WB (Western Blot)

MIB Antibody (K28) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the MIB antibody detected the MIB protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MIB1 antibody	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.
Product Categories/Family for anti-MIB1 antibody	Crown Antibodies; Signal Transduction
References	Itoh, M., et al., Dev. Cell 4(1):67-82 (2003). Jin, Y., et al., J. Biol. Chem. 277(49):46980-46986 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	30348954
NCBI GeneID	57534
NCBI Accession #	NP_065825.1
NCBI GenBank Nucleotide #	NM_020774.3
UniProt Accession #	Q86YT6; Q2TB37; Q68D01; Q6YI51; Q8NBY0; Q8TCB5; Q8TCL7; Q9P2M3; BOYJ38
Molecular Weight	110136
NCBI Official Full Name	E3 ubiquitin-protein ligase MIB1
NCBI Official Synonym Full Names	mindbomb E3 ubiquitin protein ligase 1
NCBI Official Symbol	MIB1
NCBI Official Synonym Symbols	MIB; DIP1; ZZZ6; DIP-1; LVNC7; ZZANK2
NCBI Protein Information	E3 ubiquitin-protein ligase MIB1
UniProt Protein Name	E3 ubiquitin-protein ligase MIB1
UniProt Gene Name	MIB1
UniProt Synonym Gene Names	DIP1; KIAA1323; ZZANK2; DIP-1
UniProt Entry Name	MIB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mib1-mindbomb-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/290111>