Rabbit MIB1 Polyclonal Antibody | anti-MIB1 antibody

MIB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40480	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunocytochemistry, Western Blot, ELISA**

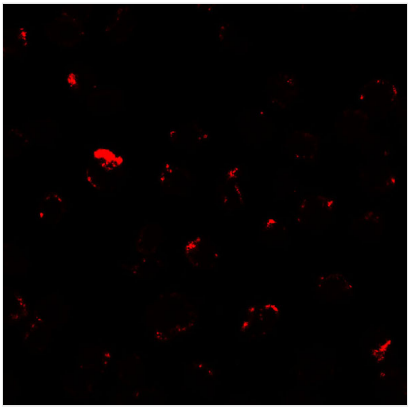
PRODUCT SYNONYMS

MIB1; Polyclonal Antibody; MIB1 Antibody; MIB; DIP1; ZZZ6; DIP-1; LVNC7; ZZANK2; KIAA1323; E3 ubiquitin-protein ligase MIB1; DAPK-interacting protein 1; mindbomb E3 ubiquitin protein ligase 1; anti-MIB1 antibody

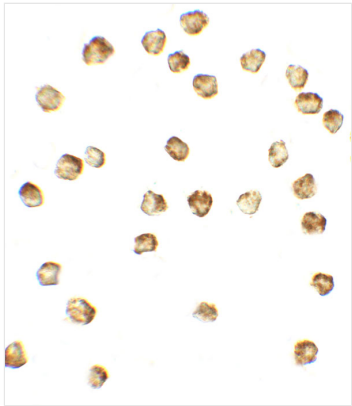
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MIB1 antibody is human, mouse and rat reactive. At least three isoforms of MIB1 are known to exist.
Purity/Purification	MIB1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1006
Applicable Applications for anti-MIB1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	MIB1 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human MIB1.
Buffer	MIB1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	MIB1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

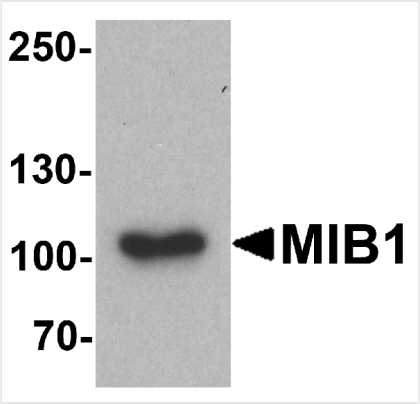
IMAGES



IF (Immunofluorescence)
Immunofluorescence of MIB1 in A431 cells with MIB1 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of MIB1 in A431 cells with MIB1 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of MIB1 in A431 cell lysate with MIB1 antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-MIB1 antibody	The E3 ubiquitin-protein ligase MIB1, also known as Mindbomb homolog 1, contains multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase (1). MIB1 interacts with and regulates the cellular expression of the death-associated protein kinase 1 (DAPK1) protein by promoting its ubiquitination and degradation (1). It also positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis (2).

NCBI AND UNIPROT INFORMATION

NCBI GI #	30348954
NCBI GeneID	57534
NCBI Accession #	NP_065825
NCBI GenBank Nucleotide #	NM_020774.3
UniProt Accession #	Q86YT6; Q2TB37; Q68D01; Q6YI51; Q8NBY0; Q8TCB5; Q8TCL7; Q9P2M3; B0YJ38
Molecular Weight	Predicted: 89; 102; 111 kDa Observed: 103 kDa
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; DAPK-interacting protein 1; ubiquitin ligase mind bomb; zinc finger ZZ type with ankyrin repeat domain protein 2
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://www.aaabiotech.com/polyclonal/mib1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40480