

Goat Mindbomb 1/MIB1 Antibody | anti-MIB1 antibody

Goat anti-Mindbomb 1/MIB1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61872	Goat	HumanExpected from sequence similarity: Mouse, Rat, Dog, Cow	Immunohistochemistry, Western Blot, ELISA

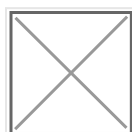
PRODUCT SYNONYMS

Mindbomb 1/MIB1; Goat anti-Mindbomb 1/MIB1 Antibody; MIB1; mindbomb homolog 1 (Drosophila); DIP-1; DKFZp686I0769; DKFZp761M1710; FLJ90676; MGC129659; MGC129660; MIB; ZZANK2; ZZZ6; DAPK-interacting protein 1; E3 ubiquitin-protein ligase MIB1; OTTHUMP00000162549; mind bomb homolog 1; ubiquitin ligase mind bom; anti-MIB1 antibody

PRODUCT SPECIFICATIONS

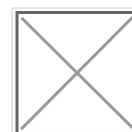
Host	Goat
Reactivity	Human Expected from sequence similarity: Mouse, Rat, Dog, Cow
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-MIB1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-DKDNTNVNADVQKLQ, from the internal region (near C Terminus) of the protein sequence according to NP_065825.1.
Epitope	internal region (near C Terminus)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human MIB1 with C-terminal MYC tag probed with AAA61872 (1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with AAA61872 (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

AAA61872 (2ug/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

ADDITIONAL INFORMATION

References	Berndt JD, Aoyagi A, Yang P, Anastas JN, Tang L, Moon RT.; Mindbomb 1, an E3 ubiquitin ligase, forms a complex with RYK to activate Wnt/beta-catenin signaling.; J Cell Biol. 2011 Sep 5;194(5):737-50.; PMID: 21875946
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30348954
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NCBI GeneID	57534
NCBI Accession #	NP_065825.1
NCBI GenBank Nucleotide #	NM_020774.3
Molecular Weight	110,136 Da
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

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/goat-cow-dog-human-mouse-rat-antibody/mindbomb-1-mib1/61872>