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MIB2 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22053a

Product Information

Application	WB, E
Primary Accession	Q96AX9
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB54754
Calculated MW	103658

Additional Information

Gene ID	142678
Other Names	E3 ubiquitin-protein ligase MIB2, 6.3.2.-, Mind bomb homolog 2, Novel zinc finger protein, Novelzin, Putative NF-kappa-B-activating protein 002N, Skeletrophin, Zinc finger ZZ type with ankyrin repeat domain protein 1, MIB2, SKD, ZZANK1
Target/Specificity	This MIB2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 216-249 amino acids from human MIB2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MIB2 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MIB2 (HGNC:30577)
Synonyms	SKD, ZZANK1

Function	E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors.
Cellular Location	Cytoplasm. Endosome. Note=Colocalizes with endosomal compartments
Tissue Location	Expressed in skeletal muscle, and to a lesser extent in heart, brain and kidney.

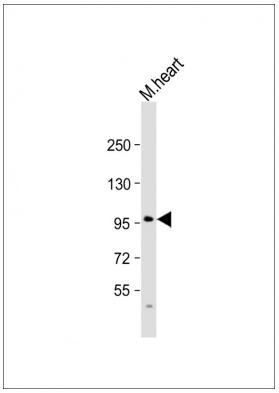
Background

E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors (By similarity).

References

Takeuchi T.,et al.Am. J. Pathol. 163:1395-1404(2003).
Takeuchi T.,et al.Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases.
Matsuda A.,et al.Oncogene 22:3307-3318(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).

Images



Anti-MIB2 Antibody (N-Term) at 1:1000 dilution + mouse heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 110 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.