

Product Name: MIB2 Rabbit Polyclonal Antibody
Catalog #: APRab13887

Summary

Production Name	MIB2 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MIB2 SKD ZZANK1
Alternative Names	
Gene ID	142678.0
SwissProt ID	Q96AX9. Synthesized peptide derived from part region of human protein

Application

Dilution Ratio	WB 1:500-2000, ELISA 1:5000-20000
Molecular Weight	111kDa

Background

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

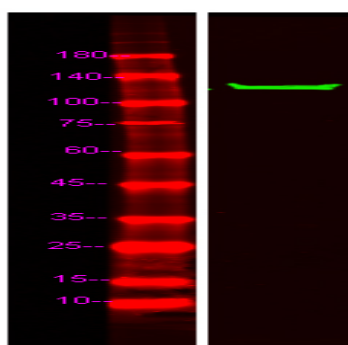
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endocytosis of Delta receptors.,induction:Down-regulated in many primary skin melanomas. Treatment with a demethylating agent, 5'-aza-2-deoxycytidine, restores expression, suggesting that down-regulation is the result of methylation of the gene.,pathway:Protein modification; protein ubiquitination.,PTM:Ubiquitinated. Possibly via autoubiquitination.,similarity:Contains 1 ZZ-type zinc finger.,similarity:Contains 2 MIB/HERC2 domains.,similarity:Contains 2 RING-type zinc fingers.,similarity:Contains 9 ANK repeats.,subcellular location:Colocalizes with endosomal compartments.,subunit:Interacts with actin monomer.,tissue specificity:Expressed in skeletal muscle, and to a lesser extent in heart, brain and kidney.,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.,induction:Down-regulated in many primary skin melanomas. Treatment with a demethylating agent, 5'-aza-2-deoxycytidine, restores expression, suggesting that down-regulation is the result of methylation of the gene.,pathway:Protein modification; protein ubiquitination.,PTM:Ubiquitinated. Possibly via autoubiquitination.,similarity:Contains 1 ZZ-type zinc finger.,similarity:Contains 2 MIB/HERC2 domains.,similarity:Contains 2 RING-type zinc fingers.,similarity:Contains 9 ANK repeats.,subcellular location:Colocalizes with endosomal compartments.,subunit:Interacts with actin monomer.,tissue specificity:Expressed in skeletal muscle, and to a lesser extent in heart, brain and kidney.,

Research Area

Image Data



Western Blot analysis of Hela lysis, using primary antibody at 1:1000 dilution. Secondary antibody was diluted at 1:10000

Note

For research use only.