

E3 ubiquitin-protein ligase MIB1 Polyclonal Antibody

Catalog No: #42567

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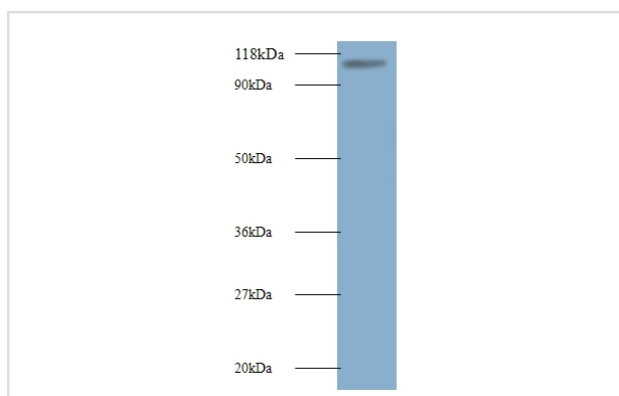
Description

Product Name	E3 ubiquitin-protein ligase MIB1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total E3 ubiquitin-protein ligase MIB1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human E3 ubiquitin-protein ligase MIB1 protein
Target Name	E3 ubiquitin-protein ligase MIB1
Other Names	DAPK-interacting protein 1, DIP-1, Mind bomb homolog 1 Zinc finger ZZ type with ankyrin repeat domain protein 2, DIP1, KIAA1323, ZZANK2, MIB1
Accession No.	Swiss-Prot#: Q86YT6
Uniprot	Q86YT6
GeneID	57534;
Calculated MW	111kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Images



All lanes : E3 ubiquitin-protein ligase MIB1 antibody at 2ug/ml+293T whole cell lysate
 SecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilution
 Predicted band size : 111 kDa
 Observed band size: 111 kDa

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. Probably mediates

ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis (By similarity). Involved in ubiquitination of centriolar satellite CEP131, CEP290 and PCM1 proteins and hence inhibits primary cilium formation in proliferating cells. Mediates 'Lys-63'-linked polyubiquitination of TBK1, which probably participates in kinase activation.

References

[1] "Mind bomb is a ubiquitin ligase that is essential for efficient activation of Notch signaling by Delta." Itoh M., Kim C.-H., Palardy G., Oda T., Jiang Y.-J., Maust D., Yeo S.-Y., Lorick K., Wright G.J., Ariza-McNaughton L., Weissman A.M., Lewis J., Ch

Note: This product is for in vitro research use only