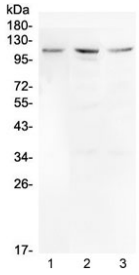
Mib1 Antibody / Mindbomb (RQ4591)

Catalog No.	Formulation	Size
RQ4591	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q86YT6
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml (human recombinant protein)
Limitations	This Mib1 antibody is available for research use only.



Western blot testing of human 1) U-87 MG, 2) HepG2 and 3) A375 cell lysate with Mib1 antibody at 0.5ug/ml. Predicted molecular weight ~110 kDa.

Description

E3 ubiquitin-protein ligase MIB1 is an enzyme that in humans is encoded by the MIB1 gene. It is mapped to 18q11.2. This gene encodes a protein containing multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase. The encoded protein positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis. This protein may also promote the ubiquitination and degradation of death-associated protein kinase 1 (DAPK1).

Application Notes

Optimal dilution of the Mib1 antibody should be determined by the researcher.

Immunogen

Amino acids H465-E732 from the human protein were used as the immunogen for the Mib1 antibody.

Storage

After reconstitution, the Mib1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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