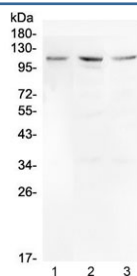


## Mib1 Antibody / Mindbomb (RQ4591)

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

[Bulk quote request](#)

|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Antigen affinity purified  |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)   |
| <b>Isotype</b>            | Rabbit IgG   |
| <b>Purity</b>             | Antigen affinity purified  |
| <b>Buffer</b>             | Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide                    |
| <b>UniProt</b>            | Q86YT6   |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml (human recombinant protein) |
| <b>Limitations</b>        | 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.