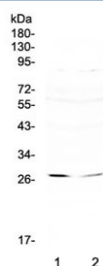


## RNF186 Antibody (RQ4154)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| RQ4154      | 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>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>            | Q9NXI6  |
| <b>Applications</b>       | Western Blot : 0.5-1ug/ml<br>Direct ELISA : 0.1-0.5ug/ml          |
| <b>Limitations</b>        | This RNF186 antibody is available for research use only.          |



Western blot testing of 1) human SW620 and 2) human HepG2 cell lysate with RNF186 antibody at 0.5ug/ml. Predicted molecular weight ~24 kDa.

## Description

RNF186 is an E3 ubiquitin ligase that regulates endoplasmic reticulum (ER) stress and apoptosis through its interaction with BNIP1. This gene is mapped to chromosome 1p36.13 based on an alignment of the RNF186 sequence with the genomic sequence (GRCh38). Cotransfection and immunoprecipitation analyses showed that RNF186, through its transmembrane domains, interacted with BNIP1. Overexpression of RNF186 promoted BNIP1 ubiquitination and transfer of BNIP1 to mitochondria.

## Application Notes

Optimal dilution of the RNF186 antibody should be determined by the researcher.

## **Immunogen**

A recombinant human partial protein corresponding to amino acids R86-L159 was used as the immunogen for the RNF186 antibody.

## **Storage**

After reconstitution, the RNF186 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.