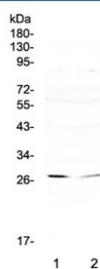


RNF186 Antibody (RQ4154)

Catalog No.	Formulation	Size
RQ4154	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	Q9NXI6
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.