

RNF186 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59202**Specification****RNF186 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	Q9NXI6
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24145

RNF186 Polyclonal Antibody - Additional Information**Gene ID** 54546**Other Names**

E3 ubiquitin-protein ligase RNF186, 2.3.2.27, RING finger protein 186
{ECO:0000312|HGNC:HGNC:25978}, RNF186 (HGNC:25978)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RNF186 Polyclonal Antibody - Protein Information**Name** RNF186 ([HGNC:25978](#))**Function**

E3 ubiquitin protein ligase that is part of an apoptotic signaling pathway activated by endoplasmic reticulum stress (PubMed:23896122). Stimulates the expression of proteins specific of the unfolded protein response (UPR), ubiquitinates BNIP1 and regulates its localization to the mitochondrion and induces calcium release from the endoplasmic reticulum that ultimately leads to cell apoptosis (PubMed:23896122). Plays a role in the maintenance of intestinal homeostasis and clearance of enteric pathogens. Upon NOD2 stimulation, ubiquitinates the ER stress sensor activating transcription factor 6/ATF6 and promotes the unfolded protein response UPR (PubMed:34623328). Participates in basal level of autophagy maintenance by regulating the ubiquitination of EPHB2 and EPHB3. Upon stimulation by ligand EFNB1, ubiquitinates EPHB2 and further recruits MAP1LC3B for autophagy induction (PubMed:33280498)

target="_blank">33280498). Controls nutrient sensing by ubiquitinating Sestrin-2/SESN2, which is an intracellular sensor of cytosolic leucine and inhibitor of mTORC1 activity (PubMed:31586034).

Cellular Location

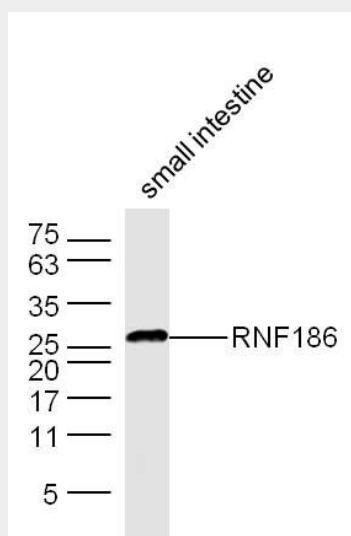
Endoplasmic reticulum membrane; Multi-pass membrane protein

RNF186 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNF186 Polyclonal Antibody - Images



Sample: Small intestine (Mouse) Lysate at 40 ug
Primary: Anti-RNF186 (bs-9262R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 24 kD
Observed band size: 26 kD