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Rnf183 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI12272

Product Information

Application	WB
Primary Accession	Q8QZS5
Other Accession	NM_153504, NP_705724
Reactivity	Human, Mouse, Rat, Rabbit, Guinea Pig, Horse, Bovine
Predicted	Rat, Dog, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21625

Additional Information

Gene ID	76072
Alias Symbol	5830442J12Rik
Other Names	RING finger protein 183, Rnf183
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Rnf183 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Rnf183 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

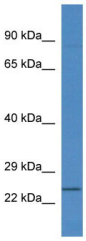
Protein Information

Name	Rnf183
Function	Acts as an E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (PubMed:29300766, PubMed:31732153). Triggers apoptosis in response to prolonged ER stress by mediating the polyubiquitination and subsequent proteasomal degradation of BCL2L1 (By similarity). May collaborate with FATE1 to restrain BIK protein levels thus regulating apoptotic signaling (By similarity). Mediates the ubiquitination and subsequent lysosomal degradation of ATP1B1 (PubMed:31732153).
Cellular Location	Endoplasmic reticulum membrane; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:Q96D59}. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q96D59}. Golgi apparatus, cis-Golgi network

membrane; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:Q96D59}. Lysosome membrane; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:Q96D59}

Tissue Location Highly expressed in the kidney and testis.

Images



WB Suggested Anti-Rnf183 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Thymus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.