

# Rnf183 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12272

## Product Information

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q8QZS5</a>                                |
| Other Accession   | <a href="#">NM_153504</a> , <a href="#">NP_705724</a> |
| 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: <a href="#">29300766</a> , PubMed: <a href="#">31732153</a> ). 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: <a href="#">31732153</a> ). |
| 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**

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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'.