

## Rabbit anti-Human RING1A Monoclonal Antibody | anti-RING1 antibody

RING1A Rabbit mAb

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA282811 | Rabbit | Human      | ELISA, Immunoprecipitation, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

RING1A; Monoclonal Antibody; RING1A Rabbit mAb; RNF1; anti-RING1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                           |
| Reactivity                                      | Human                                                                                                            |
| Clonality                                       | Monoclonal                                                                                                       |
| Isotype                                         | IgG                                                                                                              |
| Purity/Purification                             | Affinity purification                                                                                            |
| Form/Format                                     | PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.                                                     |
| Sequence                                        | DPNFDALISK IYPSREEYEA HQDRVLIRLS RLHNQQALSS SIEEGLRMA MHRAQVRVRP IPGSDQTTM<br>SGGEGEPGEG EGDGEDVSSD SAPDSAPGPA P |
| Applicable Applications for anti-RING1 antibody | ELISA, IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)                                   |
| Immunogen                                       | A synthetic peptide corresponding to a sequence within amino acids 100-200 of human RING1A A (Q06587).           |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                 |

### IMAGES



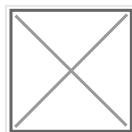
#### IP (Immunoprecipitation)

Immunoprecipitation analysis of 300 ug extracts of HeLa cells using 3 ug RING1A antibody (AAA282811). Western blot was performed from the immunoprecipitate using RING1A antibody (AAA282811) at a dilution of 1:1000.



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using RING1A Rabbit mAb (AAA282811) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



#### WB (Western Blot)

Western blot analysis of various lysates using RING1A Rabbit mAb (AAA282811) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RING1 antibody | This gene belongs to the RING finger family, members of which encode proteins characterized by a RING domain, a zinc-binding motif related to the zinc finger domain. The gene product can bind DNA and can act as a transcriptional repressor. It is associated with the multimeric polycomb group protein complex. The gene product interacts with the polycomb group proteins BMI1, EDR1, and CBX4, and colocalizes with these proteins in large nuclear domains. It interacts with the CBX4 protein via its glycine-rich C-terminal domain. The gene maps to the HLA class II region, where it is contiguous with the RING finger genes FABGL and HKE4. |
| Product Categories/Family for anti-RING1 antibody   | <a href="#">Epigenetics Nuclear Signaling</a> ; <a href="#">Epigenetic writers and erasers of core Histones</a> ; <a href="#">Chromatin Remodeling</a> ; <a href="#">Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                            |                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                  | 90110053                                                                                                                   |
| NCBI GeneID                | 6015                                                                                                                       |
| UniProt Accession #        | <a href="#">Q06587</a> ; <a href="#">Q5JP96</a> ; <a href="#">Q5SQW2</a> ; <a href="#">Q86V19</a> ; <a href="#">A8JZZ0</a> |
| Molecular Weight           | Calculated MW: 42kDa<br>Observed MW: 54kDa                                                                                 |
| UniProt Protein Name       | E3 ubiquitin-protein ligase RING1                                                                                          |
| UniProt Gene Name          | <b>RING1</b>                                                                                                               |
| UniProt Synonym Gene Names | RNF1                                                                                                                       |
| UniProt Entry Name         | RING1_HUMAN                                                                                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ring1a-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/282811>