

Rabbit anti-Human RING2/RING1B/RNF2 Polyclonal Antibody | anti-RNF2 antibody

Anti-RING2/RING1B/RNF2 Antibody Picoband

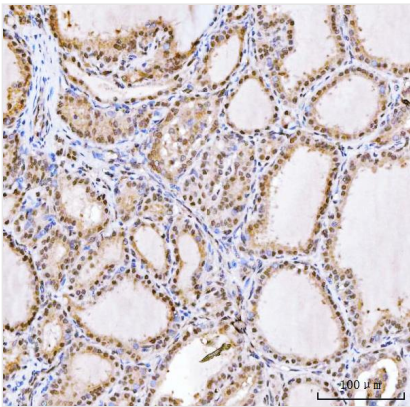
CATALOG # AAA126126	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

RING2/RING1B/RNF2; Polyclonal Antibody; Anti-RING2/RING1B/RNF2 Antibody Picoband; anti-RNF2 antibody

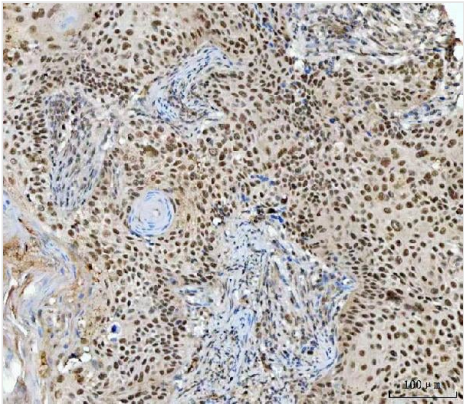
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Natural and recombinant Human CCN2
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-RNF2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<10 pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



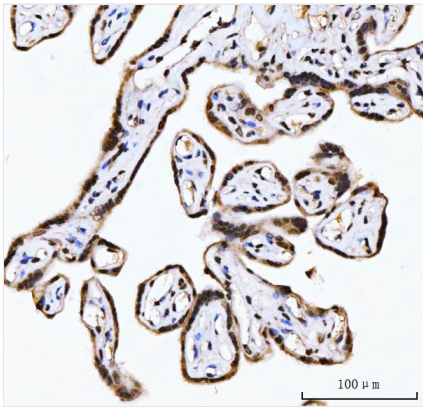
IHC (Immunohistochemistry)

Figure 4. IHC analysis of RING2/RING1B/RNF2 using anti-RING2/RING1B/RNF2 antibody (AAA126126).RING2/RING1B/RNF2 was detected in a paraffin-embedded section of human thyroid cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-RING2/RING1B/RNF2 Antibody (AAA126126) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



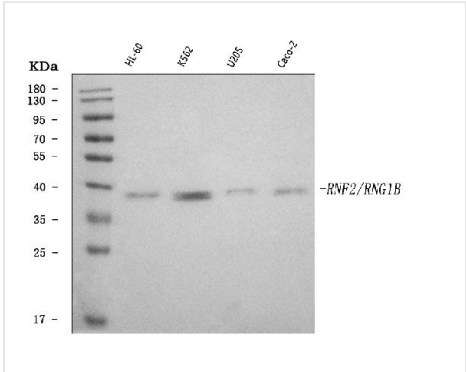
IHC (Immunohistochemistry)

Figure 2. IHC analysis of RING2/RING1B/RNF2 using anti-RING2/RING1B/RNF2 antibody (AAA126126).RING2/RING1B/RNF2 was detected in a paraffin-embedded section of human laryngeal squamous carcinoma tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-RING2/RING1B/RNF2 Antibody (AAA126126) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of RING2/RING1B/RNF2 using anti-RING2/RING1B/RNF2 antibody (AAA126126).RING2/RING1B/RNF2 was detected in a paraffin-embedded section of human placenta tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-RING2/RING1B/RNF2 Antibody (AAA126126) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



WB (Western Blot)

Figure 1. Western blot analysis of RING2/RING1B/RNF2 using anti-RING2/RING1B/RNF2 antibody (AAA126126).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human HL-60 whole cell lysates,Lane 2: human K562 whole cell lysates,Lane 3: human U2OS whole cell lysates,Lane 4: human CACO-2 whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-RING2/RING1B/RNF2 antigen affinity purified polyclonal antibody (#AAA126126) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for RING2/RING1B/RNF2 at approximately 38 kDa. The expected band size for RING2/RING1B/RNF2 is at 38 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RNF2 antibody	Background: The protein encoded by this gene is a mitogen that is secreted by vascular endothelial cells. The encoded protein plays a role in chondrocyte proliferation and differentiation, cell adhesion in many cell types, and is related to platelet-derived growth factor. Certain polymorphisms in this gene have been linked with a higher incidence of systemic sclerosis. Principle of the Assay: The Picokine™ Human CCN2 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CCN2 with a 96-well strip plate that is pre-coated with antibody specific for CCN2. The detection antibody is a biotinylated antibody specific for CCN2. The capture antibody is monoclonal antibody from mouse and the detection antibody is biotinylated polyclonal antibody from goat. The kit contains recombinant Human CCN2 with immunogen: Expression system for standard: NS0; Immunogen sequence: Q27-A349. The kit is analytically validated with ready-to-use reagents. To measure Human CCN2, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human CCN2 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CCN2 in the sample.
Product Categories/Family for anti-RNF2 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005747
NCBI GeneID	6045
NCBI Accession #	NP_009143.1
NCBI GenBank Nucleotide #	NM_007212.3
UniProt Accession #	Q99496; Q5TEN1; Q5TEN2; B2RBS7
Molecular Weight	336
NCBI Official Full Name	E3 ubiquitin-protein ligase RING2
NCBI Official Synonym Full Names	ring finger protein 2
NCBI Official Symbol	RNF2
NCBI Official Synonym Symbols	BAP1; DING; BAP-1; HIP13; RING2; RING1B
NCBI Protein Information	E3 ubiquitin-protein ligase RING2; protein DinG; RING finger protein 1B; RING finger protein BAP-1; HIP2-interacting protein 3; huntingtin-interacting protein 2-interacting protein 3
UniProt Protein Name	E3 ubiquitin-protein ligase RING2
UniProt Gene Name	RNF2
UniProt Synonym Gene Names	BAP1; DING; HIP13; RING1B; HIP2-interacting protein 3; RING1b
UniProt Entry Name	RING2_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/polyclonal/ring2-ring1b-rnf2-antibody-western-blot-immunohistochemistry-elisa/126126>