

Rabbit anti-Human RHNO1 Polyclonal Antibody | anti-RHNO1 antibody

Anti-RHNO1 Antibody Picoband

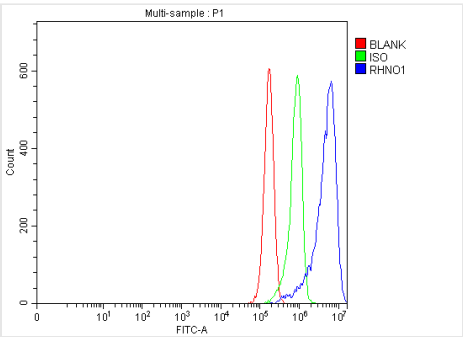
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126622	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

RHNO1; Polyclonal Antibody; Anti-RHNO1 Antibody Picoband; anti-RHNO1 antibody

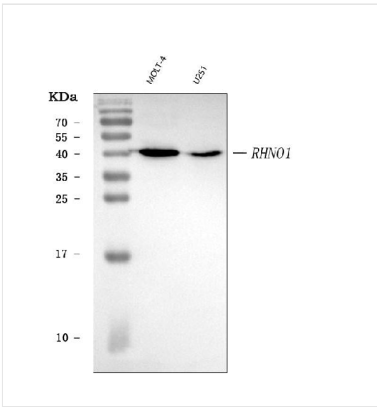
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
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-RHNO1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human RHNO1 (RQPSQKAPLLFHQQPLE).
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.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of RT4 cells using anti-RHNO1 antibody (AAA126622).Overlay histogram showing RT4 cells stained with AAA126622 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-RHNO1 Antibody (AAA126622, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of RHNO1 using anti-RHNO1 antibody (AAA126622).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 MOLT-4 whole cell lysates,Lane 2: human U251 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-RHNO1 antigen affinity purified polyclonal antibody (#AAA126622) 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 RHNO1 at approximately 40 kDa. The expected band size for RHNO1 is at 27 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RHNO1 antibody	Involved in cellular response to radiation; recombinational repair; and regulation of cell cycle process. Located in chromosome and nucleus.
Product Categories/Family for anti-RHNO1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	357430769
NCBI GeneID	83695
NCBI Accession #	NP_001239428.1
NCBI GenBank Nucleotide #	NM_001252499.2
UniProt Accession #	Q9BSD3; B7Z989
Molecular Weight	26,709 Da
NCBI Official Full Name	RAD9, HUS1, RAD1-interacting nuclear orphan protein 1 isoform 1
NCBI Official Synonym Full Names	RAD9-HUS1-RAD1 interacting nuclear orphan 1
NCBI Official Symbol	RHNO1
NCBI Official Synonym Symbols	RHINO; C12orf32; HKMT1188
NCBI Protein Information	RAD9, HUS1, RAD1-interacting nuclear orphan protein 1; Rad9, Rad1, Hus1 interacting nuclear orphan; rAD9, RAD1, HUS1-interacting nuclear orphan protein
UniProt Protein Name	RAD9, HUS1, RAD1-interacting nuclear orphan protein 1
UniProt Gene Name	RHNO1

UniProt Synonym Gene Names	C12orf32; RHINO; HKMT1188
UniProt Entry Name	RHNO1_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://www.aaabiotech.com/polyclonal/rhno1-antibody-flow-cytometry-western-blot-elisa/126622>