

Rabbit anti-Human HSD-4/RNF138 Polyclonal Antibody | anti-RNF138 antibody

Anti-HSD-4/RNF138 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126542	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

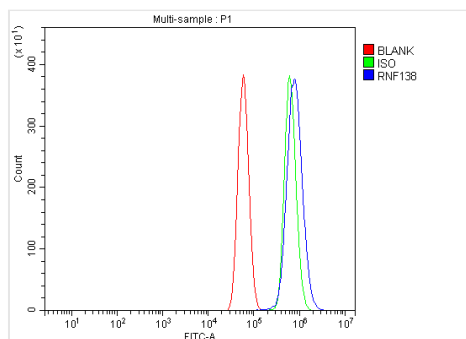
PRODUCT SYNONYMS

HSD-4/RNF138; Polyclonal Antibody; Anti-HSD-4/RNF138 Antibody Picoband; anti-RNF138 antibody

PRODUCT SPECIFICATIONS

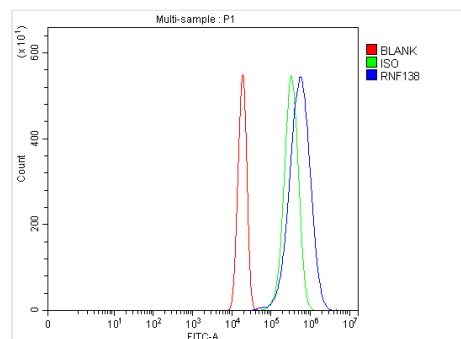
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-RNF138 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human HSD-4/RNF138 recombinant protein (Position: H210-I245).
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.

IMAGES



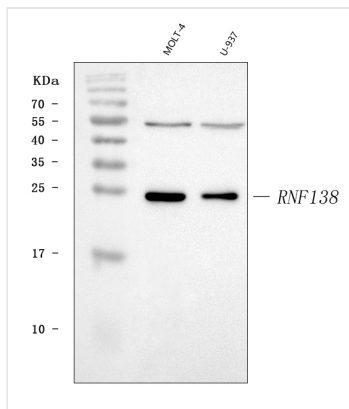
FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of U87 cells using anti-HSD-4/RNF138 antibody (AAA126542). Overlay histogram showing U87 cells stained with AAA126542 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-HSD-4/RNF138 Antibody (AAA126542, 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.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of U2OS cells using anti-HSD-4/RNF138 antibody (AAA126542). Overlay histogram showing U2OS cells stained with AAA126542 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-HSD-4/RNF138 Antibody (AAA126542, 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 HSD-4/RNF138 using anti-HSD-4/RNF138 antibody (AAA126542). 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 U-937 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-HSD-4/RNF138 antigen affinity purified polyclonal antibody (#AAA126542) 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 HSD-4/RNF138 at approximately 28 kDa. The expected band size for HSD-4/RNF138 is at 28 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RNF138 antibody	The protein encoded by this gene contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-DNA and protein-protein interactions. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
Product Categories/Family for anti-RNF138 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	395455059
NCBI GeneID	51444
NCBI Accession #	NP_001178253.2
NCBI GenBank Nucleotide #	NM_001191324.1
UniProt Accession #	Q8WVD3 ; Q9H8K2 ; Q9UF87 ; Q9UKI6 ; B2RE17
Molecular Weight	28,193 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase RNF138 isoform 1
NCBI Official Synonym Full Names	ring finger protein 138, E3 ubiquitin protein ligase
NCBI Official Symbol	RNF138
NCBI Official Synonym Symbols	NARF; HSD-4; STRIN; hNARF
NCBI Protein Information	E3 ubiquitin-protein ligase RNF138; NLK-associated RING finger protein; Nemo-like kinase-associated RING finger protein; nemo-like kinase associated ring finger protein
UniProt Protein Name	E3 ubiquitin-protein ligase RNF138
UniProt Gene Name	RNF138

UniProt Synonym Gene Names	NARF; NLK-associated RING finger protein; hNARF
UniProt Entry Name	RN138_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/hsd-4-rnf138-antibody-flow-cytometry-western-blot-elisa/126542>