

Rabbit MIPOL1 Polyclonal Antibody | anti-MIPOL1 antibody

Anti-MIPOL1 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126602	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

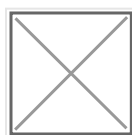
PRODUCT SYNONYMS

MIPOL1; Polyclonal Antibody; Anti-MIPOL1 Antibody Picoband; anti-MIPOL1 antibody

PRODUCT SPECIFICATIONS

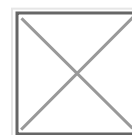
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-MIPOL1 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 MIPOL1 recombinant protein (Position: N63-A399).
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 2. Flow Cytometry analysis of HepG2 cells using anti-MIPOL1 antibody (AAA126602). Overlay histogram showing HepG2 cells stained with rabbit anti-MIPOL1 Antibody (AAA126602, 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 MIPOL1 using anti-MIPOL1 antibody (AAA126602). 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 293T whole cell lysates, Lane 2: human A431 whole cell lysates, Lane 3: human HepG2 whole cell lysates, Lane 4: human PC-3 whole cell lysates, Lane 5: rat liver tissue lysates, Lane 6: rat heart tissue lysates, Lane 7: mouse liver tissue lysates, Lane 8: mouse heart tissue 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-MIPOL1 antigen affinity purified polyclonal antibody (#AAA126602) 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 MIPOL1 at approximately 52 kDa. The expected band size for MIPOL1 is at 52 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MIPOL1 antibody	MIPOL1 (Mirror Image Polydactyly 1), also known as CCDC193 (Coiled-coil domain containing 193), is a protein that in humans is encoded by the MIPOL1 gene. This gene encodes a coiled-coil domain-containing protein. The encoded protein may function as a tumor suppressor. A translocation that results in truncation of the protein encoded by this locus has been associated with mirror-image polydactyly, also known as Laurin-Sandrow Syndrome. Alternatively spliced transcript variants have been described.
Product Categories/Family for anti-MIPOL1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	305682556
NCBI GeneID	145282
NCBI Accession #	NP_001182225.1
NCBI GenBank Nucleotide #	NM_001195296.1
UniProt Accession #	Q8TD10; Q7Z3J0; Q8IV14; D3DSA4
Molecular Weight	19,900 Da
NCBI Official Full Name	mirror-image polydactyly gene 1 protein
NCBI Official Synonym Full Names	mirror-image polydactyly 1
NCBI Official Symbol	MIPOL1
NCBI Protein Information	mirror-image polydactyly gene 1 protein
UniProt Protein Name	Mirror-image polydactyly gene 1 protein
UniProt Gene Name	MIPOL1
UniProt Entry Name	MIPO1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/mipol1-antibody-flow-cytometry-western-blot-elisa/126602>