

Rabbit WIPF1 Polyclonal Antibody | anti-WIPF1 antibody

Anti-WIPF1 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126387	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Western Blot

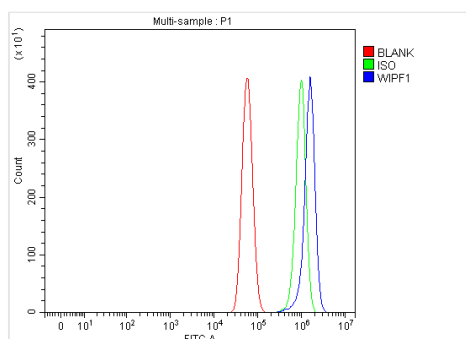
PRODUCT SYNONYMS

WIPF1; Polyclonal Antibody; Anti-WIPF1 Antibody Picoband; anti-WIPF1 antibody

PRODUCT SPECIFICATIONS

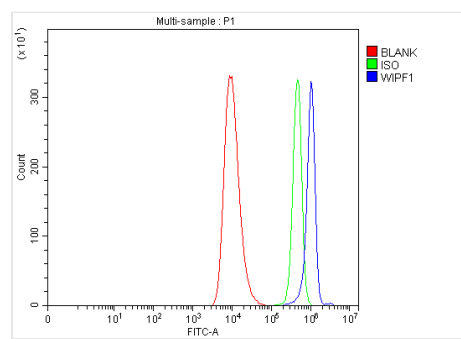
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-WIPF1 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 WIPF1 (DSPCEDEWESRFYFHPISDL).
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



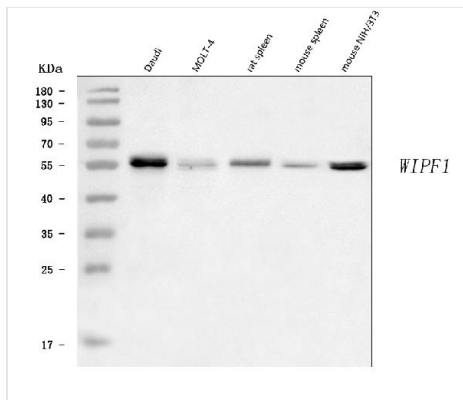
FCM/FACS (Flow Cytometry)

Figure 3. Flow Cytometry analysis of U87 cells using anti-WIPF1 antibody (AAA126387). Overlay histogram showing U87 cells stained with AAA126387 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-WIPF1 Antibody (AAA126387, 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 HEL cells using anti-WIPF1 antibody (AAA126387). Overlay histogram showing HEL cells stained with AAA126387 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-WIPF1 Antibody (AAA126387, 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 WIPF1 using anti-WIPF1 antibody (AAA126387). 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 Daudi whole cell lysates, Lane 2: human MOLT-4 whole cell lysates, Lane 3: rat spleen tissue lysates, Lane 4: mouse spleen tissue lysates, Lane 5: mouse NIH/3T3 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-WIPF1 antigen affinity purified polyclonal antibody (#AAA126387) 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 WIPF1 at approximately 56 kDa. The expected band size for WIPF1 is at 51 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-WIPF1 antibody	WAS/WASL-interacting protein (WIP) is a protein that in humans is encoded by the WIPF1 gene. This gene encodes a protein that plays an important role in the organization of the actin cytoskeleton. The encoded protein binds to a region of Wiskott-Aldrich syndrome protein that is frequently mutated in Wiskott-Aldrich syndrome, an X-linked recessive disorder. Impairment of the interaction between these two proteins may contribute to the disease. Two transcript variants encoding the same protein have been identified for this gene.
Product Categories/Family for anti-WIPF1 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116284398
NCBI GeneID	7456
NCBI Accession #	NP_001070737.1
NCBI GenBank Nucleotide #	NM_001077269.1
UniProt Accession #	O43516 ; Q15220 ; Q53TA9 ; Q6MZU9 ; Q9BU37 ; Q9UNP1 ; B8ZZM1 ; D3DPE4
Molecular Weight	51,258 Da
NCBI Official Full Name	WAS/WASL-interacting protein family member 1
NCBI Official Synonym Full Names	WAS/WASL interacting protein family, member 1
NCBI Official Symbol	WIPF1
NCBI Official Synonym Symbols	WIP; PRPL-2; WASPIP
NCBI Protein Information	WAS/WASL-interacting protein family member 1; protein PRPL-2; WASP-interacting protein; Wiskott-Aldrich syndrome protein interacting protein
UniProt Protein Name	WAS/WASL-interacting protein family member 1

UniProt Gene Name	WIPF1
UniProt Synonym Gene Names	WASPIP; WIP; WASP-interacting protein
UniProt Entry Name	WIPF1_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/wipf1-antibody-flow-cytometry-western-blot-elisa/126387>