

Rabbit anti-Human WIPF3 Polyclonal Antibody | anti-WIPF3 antibody

Anti-WIPF3 Antibody Picoband

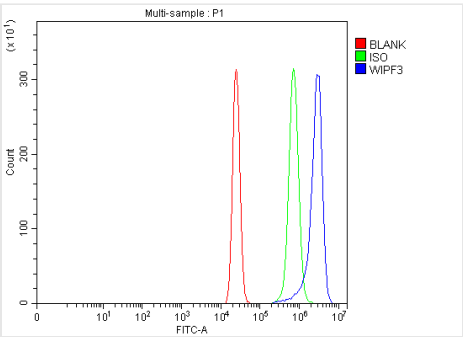
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126633	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

WIPF3; Polyclonal Antibody; Anti-WIPF3 Antibody Picoband; anti-WIPF3 antibody

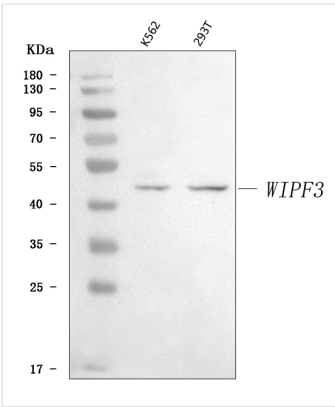
PRODUCT SPECIFICATIONS

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-WIPF3 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 WIPF3 (EDFPPPDEYKPCQKIYPSKIPR).
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 U2OS cells using anti-WIPF3 antibody (AAA126633).Overlay histogram showing U2OS cells stained with AAA126633 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-WIPF3 Antibody (AAA126633, 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 WIPF3 using anti-WIPF3 antibody (AAA126633).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 K562 whole cell lysates,Lane 2: human 293T 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-WIPF3 antigen affinity purified polyclonal antibody (#AAA126633) 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 WIPF3 at approximately 49 kDa. The expected band size for WIPF3 is at 49 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-WIPF3 antibody	Predicted to enable SH3 domain binding activity and actin binding activity. Predicted to be involved in actin filament-based movement. Predicted to be located in cytosol. Predicted to be active in actin filament.
Product Categories/Family for anti-WIPF3 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	336455072
NCBI GeneID	644150
NCBI Accession #	NP_001073998.2
NCBI GenBank Nucleotide #	NM_001080529.2
UniProt Accession #	A6NGB9; B8ZZV2
Molecular Weight	49,458 Da
NCBI Official Full Name	WAS/WASL-interacting protein family member 3
NCBI Official Synonym Full Names	WAS/WASL interacting protein family, member 3
NCBI Official Symbol	WIPF3
NCBI Official Synonym Symbols	CR16
NCBI Protein Information	WAS/WASL-interacting protein family member 3; corticosteroids and regional expression protein 16 homolog
UniProt Protein Name	WAS/WASL-interacting protein family member 3
UniProt Gene Name	WIPF3

UniProt Synonym Gene Names	CR16
UniProt Entry Name	WIPF3_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/wipf3-antibody-flow-cytometry-western-blot-elisa/126633>