

Rabbit AIDA Polyclonal Antibody | anti-AIDA antibody

Anti-AIDA Antibody Picoband

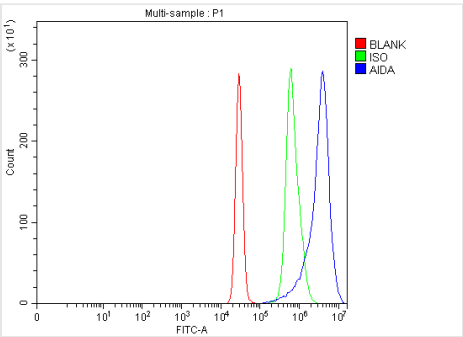
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126406	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

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

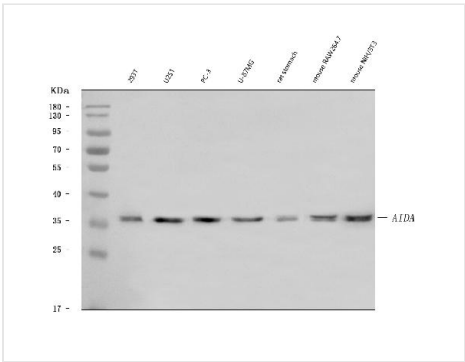
PRODUCT SPECIFICATIONS

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-AIDA 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 AIDA recombinant protein (Position: E54-R284).
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 K562 cells using anti-AIDA antibody (AAA126406).Overlay histogram showing K562 cells stained with AAA126406 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-AIDA Antibody (AAA126406, 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 AIDA using anti-AIDA antibody (AAA126406).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 U251 whole cell lysates,Lane 3: human PC-3 whole cell lysates,Lane 4: human U-87MG whole cell lysates,Lane 5: rat stomach tissue lysates,Lane 6: mouse RAW264.7 whole cell lysates,Lane 7: 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-AIDA antigen affinity purified polyclonal antibody (#AAA126406) 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 AIDA at approximately 36 kDa. The expected band size for AIDA is at 35 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-AIDA antibody	Predicted to enable phosphatidylinositol binding activity. Acts upstream of or within negative regulation of JUN kinase activity. Predicted to be located in cytoplasm. Predicted to be active in membrane.
Product Categories/Family for anti-AIDA antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	124248539
NCBI GeneID	64853
NCBI Accession #	NP_073742.2
NCBI GenBank Nucleotide #	NM_022831.2
UniProt Accession #	Q96BJ3; Q49A81; Q5JRA4; Q658P1; Q9H9E8; A8K1F0
Molecular Weight	25,914 Da
NCBI Official Full Name	axin interactor, dorsalization-associated protein
NCBI Official Synonym Full Names	axin interactor, dorsalization associated
NCBI Official Symbol	AIDA
NCBI Official Synonym Symbols	C1orf80
NCBI Protein Information	axin interactor, dorsalization-associated protein; axin interaction partner and dorsalization antagonist
UniProt Protein Name	Axin interactor, dorsalization-associated protein
UniProt Gene Name	AIDA

UniProt Synonym Gene Names	C1orf80
UniProt Entry Name	AIDA_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/aida-antibody-flow-cytometry-western-blot-elisa/126406>