

Rabbit anti-Human SCYL1 Polyclonal Antibody | anti-SCYL1 antibody

Anti-SCYL1 Antibody Picoband

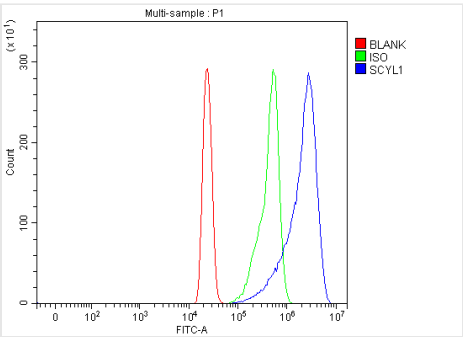
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126402	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

SCYL1; Polyclonal Antibody; Anti-SCYL1 Antibody Picoband; anti-SCYL1 antibody

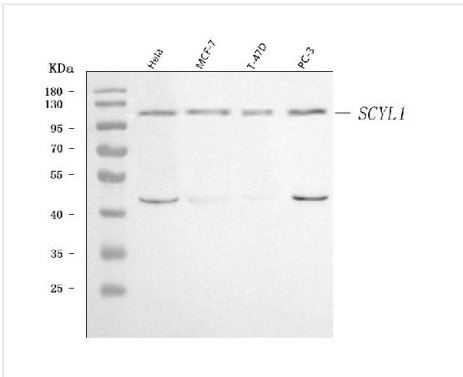
PRODUCT SPECIFICATIONS

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-SCYL1 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 SCYL1 recombinant protein (Position: A5-Q259).
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 HL-60 cells using anti-SCYL1 antibody (AAA126402).Overlay histogram showing HL-60 cells stained with AAA126402 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SCYL1 Antibody (AAA126402, 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 SCYL1 using anti-SCYL1 antibody (AAA126402).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 Hela whole cell lysates,Lane 2: human MCF-7 whole cell lysates,Lane 3: human T-47D whole cell lysates,Lane 4: human PC-3 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-SCYL1 antigen affinity purified polyclonal antibody (#AAA126402) 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 SCYL1 at approximately 115 kDa. The expected band size for SCYL1 is at 90 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SCYL1 antibody	SCY1-like 1 (<i>S. cerevisiae</i>), also known as SCYL1, is a human gene which is highly conserved throughout evolution. This gene encodes a transcriptional regulator belonging to the SCY1-like family of kinase-like proteins. The protein has a divergent N-terminal kinase domain that is thought to be catalytically inactive, and can bind specific DNA sequences through its C-terminal domain. It activates transcription of the telomerase reverse transcriptase and DNA polymerase beta genes. The protein has been localized to the nucleus, and also to the cytoplasm and centrosomes during mitosis. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-SCYL1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430243
NCBI GeneID	57410
NCBI Accession #	NP_001041683
NCBI GenBank Nucleotide #	NM_001048218
UniProt Accession #	Q96KG9; Q96G50; Q96KG8; Q96KH1; Q9HAW5; Q9HBL3; Q9NR53; A6NJF1
Molecular Weight	86,371 Da
NCBI Official Full Name	N-terminal kinase-like protein isoform B
NCBI Official Synonym Full Names	SCY1-like 1 (<i>S. cerevisiae</i>)
NCBI Official Symbol	SCYL1
NCBI Official Synonym Symbols	GKLP; NKTL; NTKL; P105; TAPK; TEIF; TRAP; HT019

NCBI Protein Information	N-terminal kinase-like protein; SCY1-like protein 1; coated vesicle-associated kinase of 90 kDa; likely ortholog of mouse N-terminal kinase-like protein; telomerase regulation-associated protein; telomerase transcriptional element-interacting factor; telo
UniProt Protein Name	N-terminal kinase-like protein
UniProt Gene Name	SCYL1
UniProt Synonym Gene Names	CVAK90; GKLP; NTKL; TAPK; TEIF; TRAP
UniProt Entry Name	NTKL_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://www.aaabiotech.com/polyclonal/scyl1-antibody-flow-cytometry-western-blot-elisa/126402>