

Rabbit SUSD6 Polyclonal Antibody | anti-SUSD6 antibody

Anti-SUSD6 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA127840	Rabbit	Human, Monkey	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

SUSD6; Polyclonal Antibody; Anti-SUSD6 Antibody Picoband; DAP3 binding cell death enhancer 1; DAP3-binding cell death enhancer 1; Death ligand signal enhancer; DELE1; DELE; KIAA0141; anti-SUSD6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.
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 .
Applicable Applications for anti-SUSD6 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E coli-derived human SUSD6 recombinant protein (Position: L44-A303).
Subcellular Localization	Mitochondrion.
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Cross Reactivity	No cross-reactivity with other proteins.
Protein Function	Essential for the induction of death receptor-mediated apoptosis through the regulation of caspase activation.
Preparation and Storage	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 Jurkat cells using anti-SUSD6 antibody (AAA127840). Overlay histogram showing Jurkat cells stained with AAA127840 (Blue line). To facilitate intracellular staining, cells were fixed with 4% paraformaldehyde and permeabilized with permeabilization buffer. The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SUSD6 Antibody (AAA127840, 1ug/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 (1ug/1x106) used under the same conditions. Unlabelled sample without incubation with primary antibody and secondary antibody (Red line) was used as a blank control.



WB (Western Blot)

Figure 1. Western blot analysis of SUSD6 using anti-SUSD6 antibody (AAA127840). 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 A431 whole cell lysates, Lane 3: monkey COS-7 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-SUSD6 antigen affinity purified polyclonal antibody (#AAA127840) at 0.5ug/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 SUSD6 at approximately 35 kDa. The expected band size for SUSD6 is at 32 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SUSD6 antibody	The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Product Categories/Family for anti-SUSD6 antibody	Primary Antibodies; Signal Transduction
References	1. Hartz, P. A. Personal Communication. Baltimore, Md. 1/15/2016. 2. Nagase, T., Seki, N., Ishikawa, K., Ohira, M., Kawarabayasi, Y., Ohara, O., Tanaka, A., Kotani, H., Miyajima, N., Nomura, N. Prediction of the coding sequences of unidentified human genes. VI. The coding sequences of 80 new genes (KIAA0201-KIAA0280) deduced by analysis of cDNA clones from cell line KG-1 and brain. DNA Res. 3: 321-329, 1996. 3. Polato, F., Rusconi, P., Zangrossi, S., Morelli, F., Boeri, M., Musi, A., Marchini, S., Castiglioni, V., Scanziani, E., Torri, V., Broggini, M. DRAGO (KIAA0247), a new DNA damage-responsive, p53-inducible gene that cooperates with p53 as oncosuppressor. J. Nat. Cancer Inst. 106: dju053, 2014. Note: Electronic Article. Erratum: J. Nat. Cancer Inst. 106: dju199, 2014.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119601407
NCBI GeneID	9766
UniProt Accession #	Q92537
Molecular Weight	32,090 Da
NCBI Official Full Name	KIAA0247
NCBI Official Synonym Full Names	KIAA0247
NCBI Official Symbol	KIAA0247
NCBI Protein Information	uncharacterized protein KIAA0247
UniProt Protein Name	Uncharacterized protein KIAA0247
UniProt Gene Name	KIAA0247
UniProt Entry Name	K0247_HUMAN

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