

Rabbit anti-Human SCUBE1 Polyclonal Antibody | anti-SCUBE1 antibody

SCUBE1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40287	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

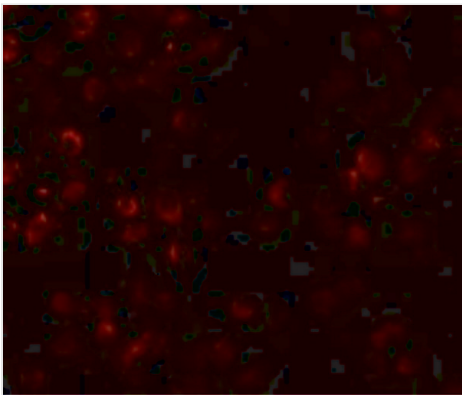
PRODUCT SYNONYMS

SCUBE1; Polyclonal Antibody; SCUBE1 Antibody; Signal peptide; CUB and EGF-like domain-containing protein 1; signal peptide; CUB domain; EGF-like 1; anti-SCUBE1 antibody

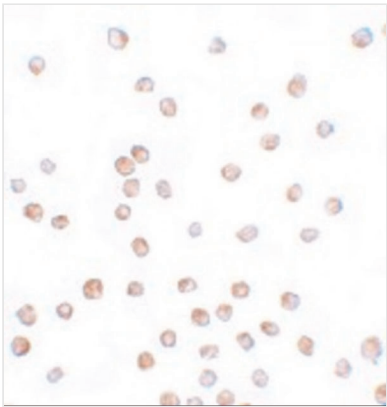
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SCUBE1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	988
Applicable Applications for anti-SCUBE1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SCUBE1 antibody was raised against a 14 amino acid synthetic peptide near the center of human SCUBE1.
Buffer	SCUBE1 Antibody is supplied in PBS containing 0.02% sodium azide.
Homology	Predicted species reactivity based on immunogen sequence: Mouse (93%)
Positive control	Daudi Cell Lysate
Preparation and Storage	SCUBE1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

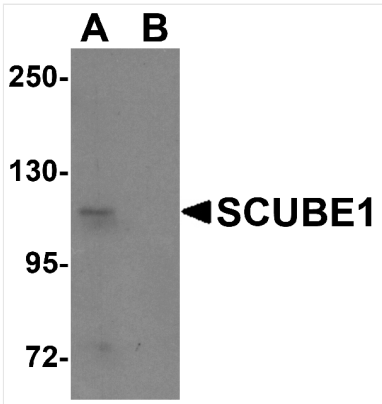
IMAGES



IF (Immunofluorescence)
Immunofluorescence of SCUBE1 in Daudi cells with SCUBE1 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of SCUBE1 in Daudi cells with SCUBE1 antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of SCUBE1 in Daudi cell lysate with SCUBE1 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SCUBE1 antibody	SCUBE1 Antibody: SCUBE1 is an EGF-related protein with a CUB (C1s-like) domain that is expressed primarily in the developing gonad, nervous system, somites, surface ectoderm and limb buds. The N-terminal EGF-like repeats of SCUBE1 participate in the formation of adhesions in a Ca2+-dependent fashion. In contrast, the C-terminal cysteine-rich motifs and CUB domain can directly bind and antagonize bone morphogenic protein activity; genetic ablation of this region resulted in brain malformation in mice embryos, suggesting SCUBE1 plays a role in brain morphogenesis. SCUBE1 has also been implicated in early craniofacial development in mice.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120587029
NCBI GeneID	80274
NCBI Accession #	NP_766638
NCBI GenBank Nucleotide #	NM_173050.3
UniProt Accession #	Q8IWY4; Q5R336
Molecular Weight	107,910 Da
NCBI Official Full Name	signal peptide, CUB and EGF-like domain-containing protein 1
NCBI Official Synonym Full Names	signal peptide, CUB domain, EGF-like 1
NCBI Official Symbol	SCUBE1

NCBI Protein Information	signal peptide, CUB and EGF-like domain-containing protein 1; signal peptide-CUB domain-EGF-related 1
UniProt Protein Name	Signal peptide, CUB and EGF-like domain-containing protein 1
UniProt Gene Name	SCUBE1
UniProt Entry Name	SCUB1_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://stage.aaabiotech.com/polyclonal/scube1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40287>