

Datasheet for ABIN6991373

**anti-SCUBE1 antibody (AA 460-510)**[Go to Product page](#)

## Overview

Quantity:	0.1 mg
Target:	SCUBE1
Binding Specificity:	AA 460-510
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SCUBE1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	SCUBE1 antibody was raised against a 14 amino acid synthetic peptide near the center of human SCUBE1. The immunogen is located within amino acids 460 - 510 of SCUBE1.
Isotype:	IgG
Purification:	SCUBE1 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	SCUBE1
Alternative Name:	SCUBE1 ( <a href="#">SCUBE1 Products</a> )
Background:	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

## Target Details

in a Ca<sup>2+</sup>-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.

Gene ID: 80274

NCBI Accession: [NP\\_766638](#)

UniProt: [Q8IWY4](#)

## Application Details

Application Notes: SCUBE1 antibody can be used for detection of SCUBE1 by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SCUBE1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SCUBE1 antibody can be stored at 4°C for three months and -20°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.