

SCUBE2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS13965**Specification**

SCUBE2 Antibody (Internal) - Product Information

Application	ICC, IF, WB, IHC
Primary Accession	O9NQ36
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110kDa KDa

SCUBE2 Antibody (Internal) - Additional Information**Gene ID** 57758**Other Names**

Signal peptide, CUB and EGF-like domain-containing protein 2, Protein CEGP1, SCUBE2, CEGP1

Target/Specificity

Human SCUBE2

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

SCUBE2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SCUBE2 Antibody (Internal) - Protein Information**Name** SCUBE2 ([HGNC:30425](#))**Synonyms** CEGP1**Function**

Lipid-binding protein required for SHH long-range signaling by binding to the dually lipid-modified SHH (ShhNp) and by promoting ShhNp mobilization, solubilization and release from the cell membrane (PubMed:[22902404](http://www.uniprot.org/citations/22902404), PubMed:[22677548](http://www.uniprot.org/citations/22677548)). Acts by enhancing the proteolytic processing (shedding) of the lipid-modified N- and C- terminal of ShhNp at the cell surface (PubMed:[24522195](http://www.uniprot.org/citations/24522195)). Synergizes with DISP1 to increase SHH secretion (PubMed:[22902404](http://www.uniprot.org/citations/22902404)). Probable cell surface coreceptor for VEGFR2 involved in VEGFR2-mediated angiogenesis (PubMed:[27834687](http://www.uniprot.org/citations/27834687)).

Cellular Location

Secreted. Cell surface. Note=Secreted and tethered at the cell surface (PubMed:19480626).

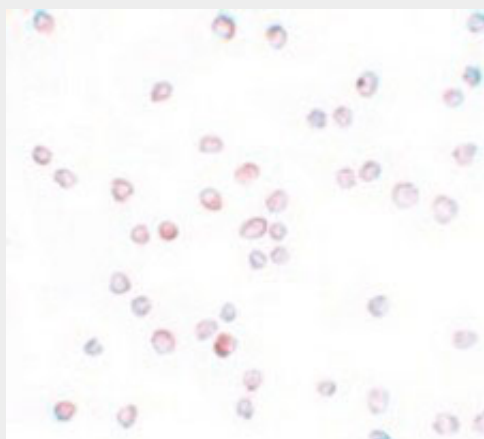
Tissue Location

Expressed in a broad spectrum of adult tissues (PubMed:12270931).

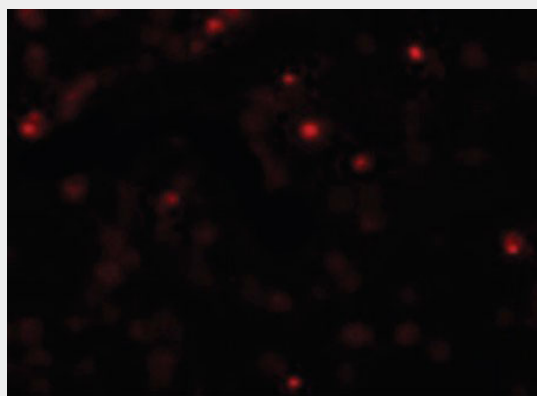
SCUBE2 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

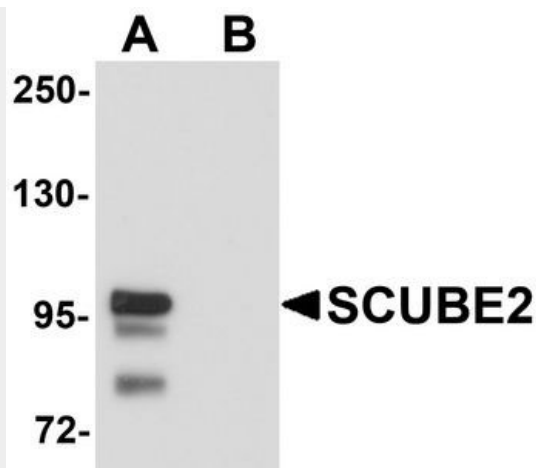
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SCUBE2 Antibody (Internal) - Images

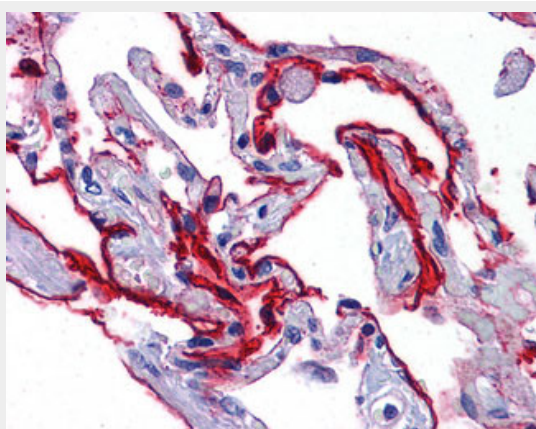
Immunocytochemistry of SCUBE2 in Daudi cells with SCUBE2 antibody at 20 ug/ml.



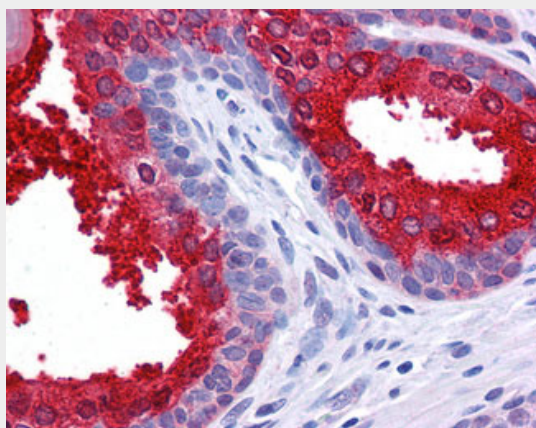
Immunofluorescence of SCUBE2 in Daudi cells with SCUBE2 antibody at 20 ug/ml.



Western blot analysis of SCUBE2 in Daudi cell lysate with SCUBE2 antibody at 1 ug/ml in (A) the...



Anti-SCUBE2 antibody IHC of human lung.



Anti-SCUBE2 antibody IHC of human prostate.

SCUBE2 Antibody (Internal) - References

- Amid C.,et al.Cytogenet. Cell Genet. 93:284-290(2001).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Taylor T.D.,et al.Nature 440:497-500(2006).
- Yang R.-B.,et al.J. Biol. Chem. 277:46364-46373(2002).