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SCUBE2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS13965

Specification

SCUBE2 Antibody (Internal) - Product Information

Application	**ICC, IF, WB, IHC**
Primary Accession	Q9NQ36
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, PubMed:22677548). Acts by enhancing the proteolytic processing (shedding) of the lipid-modified N- and C- terminal of ShhNp at the cell surface (PubMed:24522195). Synergizes with DISP1 to increase SHH secretion (PubMed:22902404). Probable cell surface coreceptor for VEGFR2 involved in VEGFR2-mediated angiogenesis (PubMed:27834687).

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

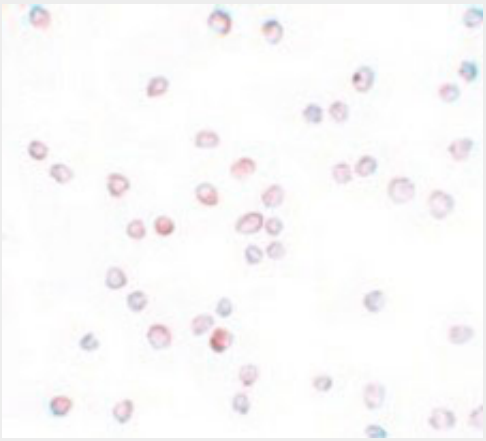
Tissue Location
Expressed in a broad spectrum of adult tissues (PubMed:12270931).

SCUBE2 Antibody (Internal) - Protocols

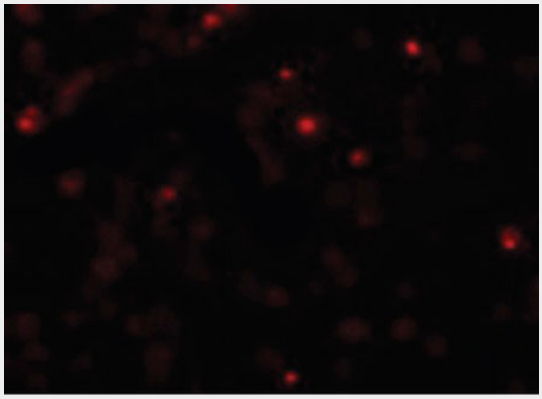
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SCUBE2 Antibody (Internal) - Images

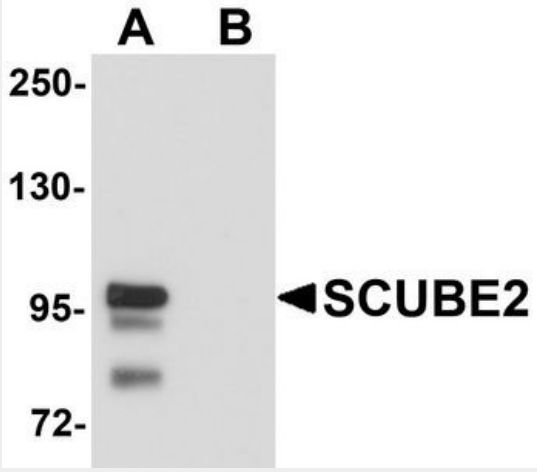


Immunocytochemistry of SCUBE2 in Daudi cells with SCUBE2 antibody at 20 ug/ml.

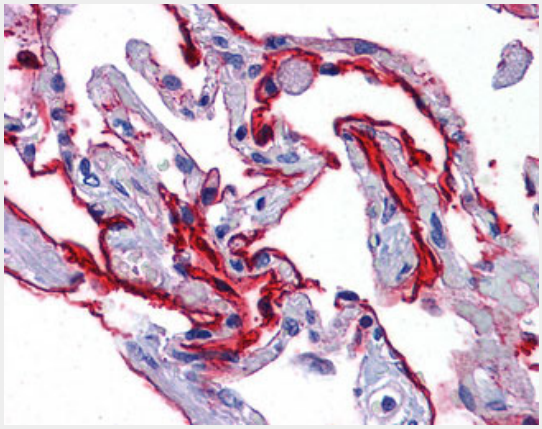


Immunofluorescence of SCUBE2 in Daudi cells with SCUBE2 antibody at 20 ug/ml.

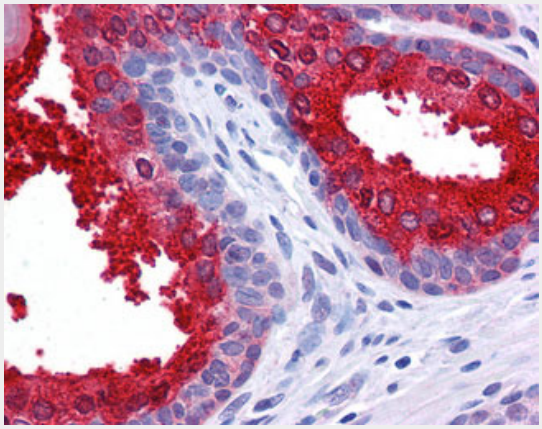
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Western blot analysis of SCUBE2 in Daudi cell lysate with SCUBE2 antibody at 1 ug/ml in (A) the...



Anti-SCUBE2 antibody IHC of human lung.



Anti-SCUBE2 antibody IHC of human prostate.

SCUBE2 Antibody (Internal) - References

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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).