

SCUBE2 Antibody (Center N266) Blocking peptide
Synthetic peptide
Catalog # BP11462c**Specification**

SCUBE2 Antibody (Center N266) Blocking peptide - Product Information

Primary Accession [O9NQ36](#)
Other Accession [NP_066025.2](#), [NP_001164161.1](#)

SCUBE2 Antibody (Center N266) Blocking peptide - Additional Information

Gene ID 57758

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SCUBE2 Antibody (Center N266) Blocking peptide - 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 (Center N266) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SCUBE2 Antibody (Center N266) Blocking peptide - Images**SCUBE2 Antibody (Center N266) Blocking peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010)Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009)Tsai, M.T., et al. Biochem. J. 422(1):119-128(2009)Shen, M., et al. Environ. Mol. Mutagen. 50(4):285-290(2009)