

Rabbit Anti-SCUBE2/PE Conjugated antibody

SL12318R-PE

Product Name	Anti-SCUBE2/PE
Chinese Name	PE 标记的内皮分泌蛋白 SCUBE2 抗体
Alias	4932442O19Rik; Cegb1; Cegf1; CEGP1; Cegp1 protein; CUB domain and EGF-like repeat containing 1; FLJ16792; FLJ35234; ICRFP703B1614Q5.1; MGC133057; Protein CEGP1; RGD1563998; SCUB2_HUMAN; Scube2; Signal peptide, CUB and EGF-like domain-containing protein 2; Signal peptide, CUB domain, EGF-like 2.
Research Area	Tumour Cell biology immunology Neurobiology Stem cells vascular endothelial cell endothelial cells
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Chicken,Dog,Horse,Rabbit) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	107kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from Human SCUBE2
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: SCUBE2 is a 999 amino acid protein that is ubiquitously expressed in adult tissues and belongs to the evolutionarily conserved SCUBE protein family. Containing a CUB domain and nine EGF-like domains, SCUBE2 manifests as

a secreted surface-anchored glycoprotein when overexpressed and is considered a novel component of the HH (Hedgehog) signal. The HH signal plays a pivotal role in induction of ventral neuronal and muscle cell types around the midline during vertebrate development. It is suggested that SCUBE2 expression is important in breast cancer progression and may serve as a useful prognostic marker. SCUBE2 forms homo-oligomers and hetero-oligomers with SCUBE1 and SCUBE3. Expressed as three isoforms produced by alternative splicing events, SCUBE2 is encoded by a gene located on human chromosome 11, which houses over 1,400 genes and comprises nearly 4% of the human genome.

Subunit:

Forms homooligomers and heterooligomers with SCUBE1 and SCUBE3 (By similarity).

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in a broad spectrum of adult tissues.

Similarity:

Contains 1 CUB domain.

Contains 9 EGF-like domains.

Database links:

[Entrez Gene: 57758](#) Human

[Entrez Gene: 56788](#) Mouse

[Omim: 611747](#) Human

[SwissProt: Q9NQ36](#) Human

[SwissProt: Q9JJS0](#) Mouse

[Unigene: 523468](#) Human

[Unigene: 40447](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in



SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

human, therapeutic or diagnostic applications.