



Rabbit Anti-SCUBE2 antibody

SL12318R

Product Name:	SCUBE2
Chinese Name:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Horse,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	107kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human SCUBE2:881-999/999
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

SWISS:

Q9NQ36

Gene ID:

57758

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 human, therapeutic or diagnostic applications.
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