

For Research Use Only

SCUBE3 Polyclonal antibody

Catalog Number: 16773-1-AP

2 Publications



Basic Information

Catalog Number:

16773-1-AP

Size:

240 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10085

GenBank Accession Number:

BC052263

GeneID (NCBI):

222663

UNIPROT ID:

Q8IX30

Full Name:

signal peptide, CUB domain, EGF-like

3

Calculated MW:

992 aa, 109 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : mouse kidney tissue, mouse lung tissue

IHC : human kidney tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

SCUBE3 is a secreted glycoprotein that belongs to the SCUBE family. Members of the SCUBE family are secreted plasma membrane-associated proteins characterised by a N-terminal signal peptide sequence, multiple EGF domains, a N-linked glycosylated spacer region and a C-terminal CUB region. SCUBE3 may play a role in bone cell biology (PMID: 15234972). It may also have a role in the regulation of cardiac growth and remodeling responses (PMID: 17442284). Besides, SCUBE3 has been reported to be involved in lung cancer progression (PMID: 21441952; 23420440).

Notable Publications

Author	Pubmed ID	Journal	Application
Nannan Han	30098429	Gene	IHC
Jing Shen	38109990	Mol Cell Endocrinol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

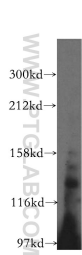
T: 4006900926

E: Proteintech-CN@ptglab.com

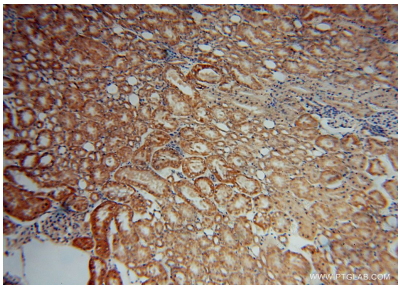
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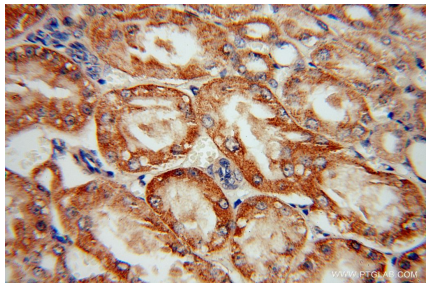
Selected Validation Data



mouse kidney tissue were subjected to SDS PAGE followed by western blot with 16773-1-AP (SCUBE3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 16773-1-AP (SCUBE3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 16773-1-AP (SCUBE3 antibody) at dilution of 1:50 (under 40x lens).