

For Research Use Only

SCUBE3 Polyclonal antibody

Catalog Number: 16773-1-AP **2 Publications**



Basic Information

Catalog Number: 16773-1-AP	GenBank Accession Number: BC052263	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 240 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 222663	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: signal peptide, CUB domain, EGF-like 3	
Isotype: IgG	Calculated MW: 992 aa, 109 kDa	
Immunogen Catalog Number: AG10085	Observed MW: 130 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse kidney tissue, mouse lung tissue IHC : human kidney tissue,
Cited Applications: IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	
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

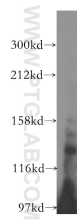
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

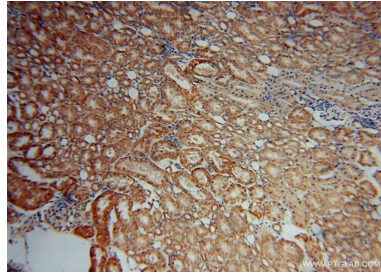
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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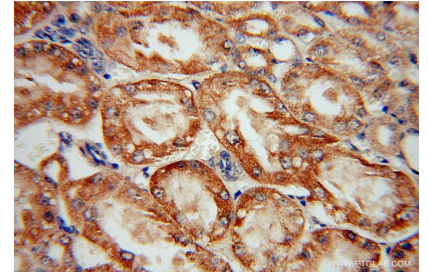
Selected Validation Data



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).