

For Research Use Only

OSGEP Polyclonal antibody

Catalog Number: 15033-1-AP **1 Publications**



Basic Information

Catalog Number: 15033-1-AP	GenBank Accession Number: BC032310	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 140 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55644	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	Full Name: O-sialoglycoprotein endopeptidase	
Isotype: IgG	Calculated MW: 36 kDa	
Immunogen Catalog Number: AG4308	Observed MW: 36 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : PC-3 cells, human heart tissue, Raji cells, mouse colon tissue
Species Specificity: human, mouse	IHC : human kidney tissue, human heart tissue, human pancreas cancer tissue
Cited Species: human	
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

OSGEP(O-sialoglycoprotein endopeptidase) is also named as hOSGEP, GCPL1 and belongs to the KAE1 / YgjD family. The deduced 335-amino acid OSGEP protein has a predicted molecular mass of 36.4 kDa. It is a protease whose target is O-linked sialic acid-containing glycoproteins, such as episialin(PMID:10859271). It is involved in the metabolism of glycosylated proteins as a glycoprotein-related chaperon protease(PMID: 20824107).

Notable Publications

Author	Pubmed ID	Journal	Application
Jin-Tao Wang	35104889	Nucleic Acids Res	WB

Storage

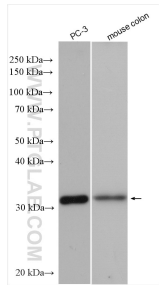
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

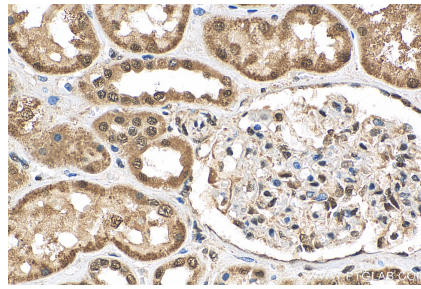
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 15033-1-AP (OSGEP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 15033-1-AP (OSGEP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).