

For Research Use Only

ADAMTS19 Polyclonal antibody, PBS Only

Catalog Number: 32890-1-PBS



Basic Information

Catalog Number: 32890-1-PBS	GenBank Accession Number: NM_133638	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 171019	
Source: Rabbit	UNIPROT ID: Q8TE59	
Isotype: IgG	Full Name: ADAM metalloproteinase with thrombospondin type 1 motif, 19	
Immunogen Catalog Number: AG36946	Calculated MW: 134kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

ADAMTS19 encodes a member of the ADAMTS (a disintegrin and metalloproteinase domain with thrombospondin motifs) protein family with emerging roles in carcinogenesis and metastasis. ADAMTS shares several distinct protein modules including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. The promoter of ADAMTS19 is targeted by hypermethylation in a significant proportion of gastrointestinal cancers, particularly in BRAF-mutant cancers, and that this hypermethylation associates with transcriptional downregulation and reduces the in vitro migration capabilities of Colorectal cancer cells (PMID: 26634009).

Storage

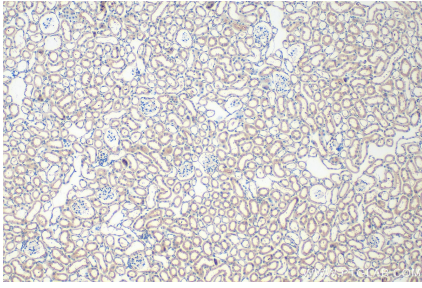
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

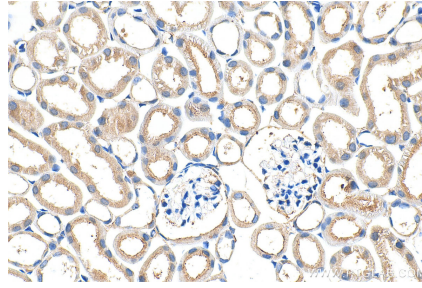
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 32890-1-AP (ADAMTS19 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32890-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 32890-1-AP (ADAMTS19 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 32890-1-PBS in a different storage buffer formulation.