

For Research Use Only

ADAMTS19 Polyclonal antibody

Catalog Number: 32890-1-AP



Basic Information

Catalog Number: 32890-1-AP	GenBank Accession Number: NM_133638	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 171019	Recommended Dilutions: IHC: 1:200-1:800
Isotype: IgG	UNIPROT ID: Q8TE59	
Immunogen Catalog Number: AG36946	Full Name: ADAM metalloproteinase with thrombospondin type 1 motif, 19	
	Calculated MW: 134kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse kidney tissue,
Species Specificity: 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

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

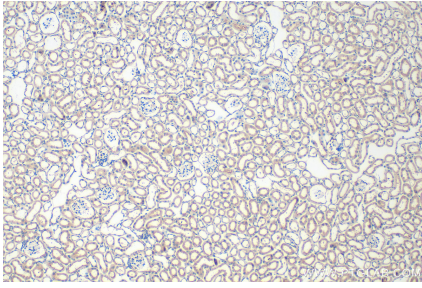
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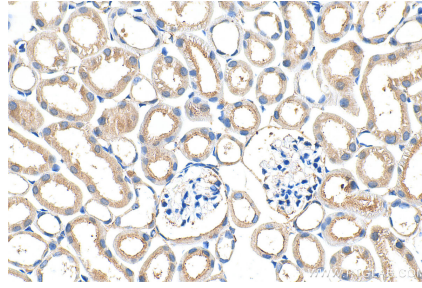
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Selected Validation Data



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).



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).