

For Research Use Only

ADAMTS19 Polyclonal antibody, PBS Only

Catalog Number:32890-1-PBS



Basic Information

Catalog Number:

32890-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36946

GenBank Accession Number:

NM_133638

GeneID (NCBI):

171019

UNIPROT ID:

Q8TE59

Full Name:

ADAM metalloproteinase with thrombospondin type 1 motif, 19

Calculated MW:

134kDa

Purification Method:

Antigen affinity Purification

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

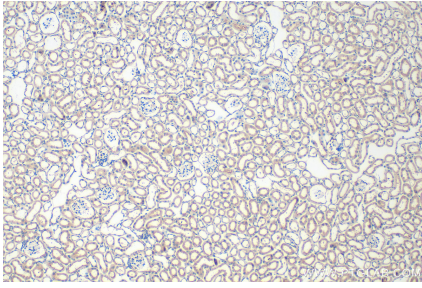
T: 4006900926

E: Proteintech-CN@ptglab.com

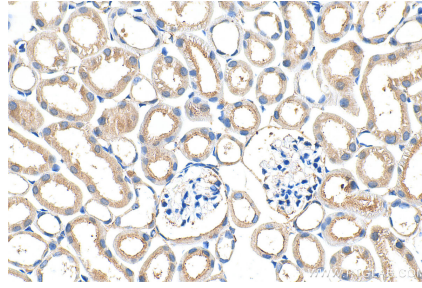
W: ptgcn.com

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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.