

For Research Use Only

ADAMTS14 Polyclonal antibody, PBS Only

Catalog Number:31075-1-PBS



Basic Information

Catalog Number:

31075-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34638

GenBank Accession Number:

NM_080722

GeneID (NCBI):

140766

UNIPROT ID:

Q8WXS8

Full Name:

ADAM metalloproteinase with thrombospondin type 1 motif, 14

Calculated MW:

134 kDa

Observed MW:

134 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

The ADAMTS (a disintegrin-like and metalloproteinase with thrombospondin motifs) is a family of extracellular metalloproteinases mediating diverse functions including matrix degradation, blood coagulation, and angiogenesis. The ADAMTS family constitutes a group of proteins composed of 19 enzymes and 7 ADAMTS-like proteins. ADAMTS14 possesses high similarity with ADAMTS2 and ADAMTS3 in sequence and domain composition (PMID: 11741898). The expression of ADAMTS14 is correlated with the occurrence and progression of colorectal cancer and oral squamous cell carcinoma (PMID: 34856162; PMID: 32102222).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

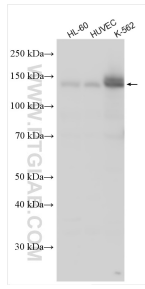
For technical support and original validation data for this product please contact:

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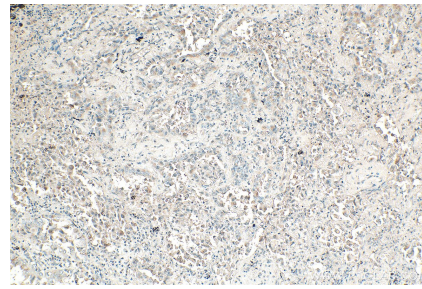
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31075-1-AP (ADAMTS14 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 31075-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 31075-1-AP (ADAMTS14 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31075-1-PBS in a different storage buffer formulation.