

For Research Use Only

CAPN8 Polyclonal antibody

Catalog Number: 20971-1-AP



Basic Information

Catalog Number:

20971-1-AP

GenBank Accession Number:

NM_001143962

Purification Method:

Antigen affinity purification

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

GeneID (NCBI):

388743

Recommended Dilutions:

IHC 1:50-1:500

Source:

Rabbit

UNIPROT ID:

A6NHC0

Full Name:

calpain 8

Isotype:

IgG

Calculated MW:

79 kDa

Applications

Tested Applications:

IHC, ELISA

Positive Controls:

IHC : mouse stomach tissue, human stomach cancer 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

CAPN8 (Calpain-8) was found to be a significant risk factor for THCA (Thyroid cancer) with a markedly elevated level of mRNA and protein in tumor tissues. This potential oncogene could induce the activation of epithelial mesenchymal transition and E2F-targeted pathways (PMID:36389799).

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

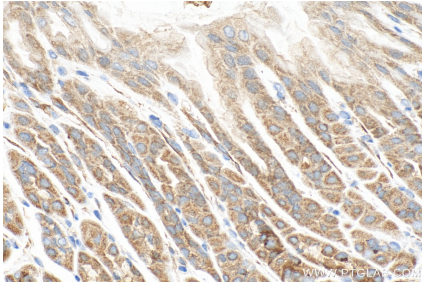
For technical support and original validation data for this product please contact:

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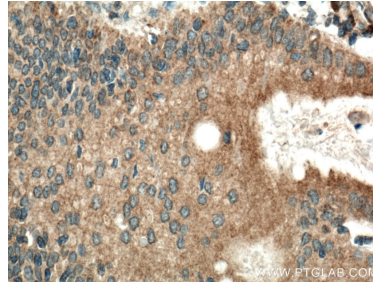
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W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 20971-1-AP (CAPN8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 20971-1-AP (CAPN8 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).