

For Research Use Only

# CAPN8 Polyclonal antibody, PBS Only

Catalog Number:20971-1-PBS



## Basic Information

**Catalog Number:**

20971-1-PBS

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_001143962

**GeneID (NCBI):**

388743

**UNIPROT ID:**

A6NHCO

**Full Name:**

calpain 8

**Calculated MW:**

79 kDa

**Purification Method:**

Antigen affinity purification

## Applications

**Tested Applications:**

IHC, Indirect ELISA

**Species Specificity:**

human, mouse

## 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 -80°C.

**Storage Buffer:**

PBS only, pH7.3

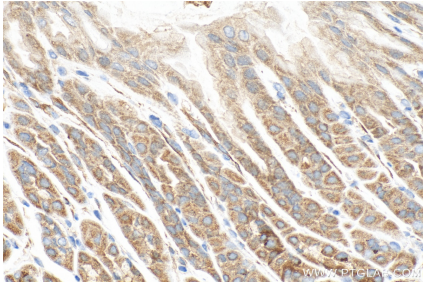
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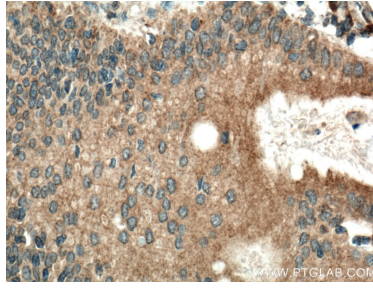
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## Selected Validation Data



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). This data was developed using the same antibody clone with 20971-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 20971-1-PBS in a different storage buffer formulation.