

For Research Use Only

CAPN13 Polyclonal antibody

Catalog Number: 55371-1-AP



Basic Information

Catalog Number:

55371-1-AP

Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 687 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_144575

GeneID (NCBI):

92291

UNIPROT ID:

Q6MZZ7

Full Name:

calpain 13

Calculated MW:

77 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:400-1:1600

Applications

Tested Applications:

IHC, ELISA

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

Positive Controls:

IHC: mouse colon tissue, human colon tissue, mouse small intestine tissue

Background Information

The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit.

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**

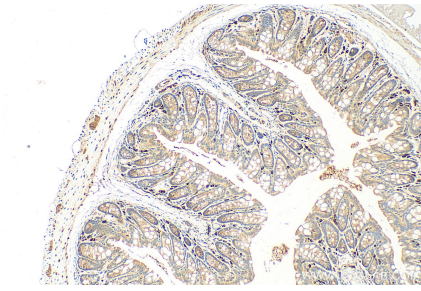
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

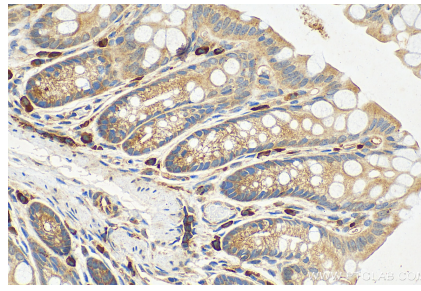
E: proteintech@ptglab.com
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 55371-1-AP (CAPN13 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 55371-1-AP (CAPN13 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).