

For Research Use Only

CAPN13 Polyclonal antibody

Catalog Number: 55371-1-AP



Basic Information

Catalog Number: 55371-1-AP	GenBank Accession Number: NM_144575	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 850 µg/ml by Nanodrop and 687 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 92291	Recommended Dilutions: IHC 1:400-1:1600
Source: Rabbit	Full Name: calpain 13	
Isotype: IgG	Calculated MW: 77 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse colon tissue, mouse small intestine 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

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

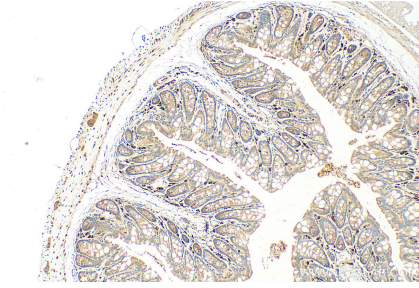
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

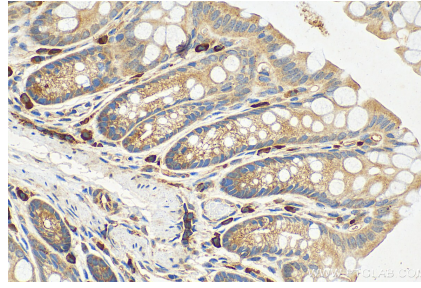
For technical support and original validation data for this product please contact:
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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).