

For Research Use Only

CRIP1 Recombinant antibody

Catalog Number: 83340-3-RR



Basic Information

Catalog Number: 83340-3-RR	GenBank Accession Number: BC002738	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 1396	CloneNo.: 240176G2
Source: Rabbit	UNIPROT ID: P50238	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:200-1:800
Isotype: IgG	Full Name: cysteine-rich protein 1 (intestinal)	
Immunogen Catalog Number: AG7588	Calculated MW: 9 kDa	
	Observed MW: 8-9 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : T-47D cells, HeLa cells, mouse colon tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human colon tissue,

Background Information

CRIP1 also known as CRIP, CRP1, belongs to the LIM/double zinc finger protein family. CRIP1 has a unique double zinc finger motif, which is mainly expressed in the intestine, and may be involved in intestinal zinc transport (PMID: 31312368, 1946385). CRIP1 is overexpressed in immune cells of the epithelium and may play an important role in gut immunity (PMID: 27836662).

Storage

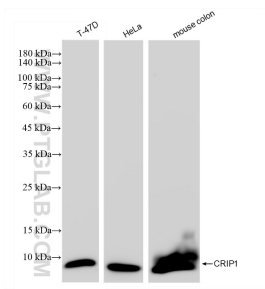
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

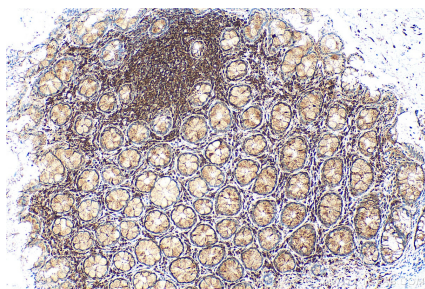
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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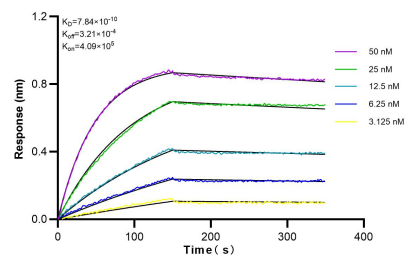
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83340-3-RR (CRIP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 83340-3-RR (CRIP1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83340-3-RR against Human CRIP1 were performed. The affinity constant is 0.784 nM.