For Research Use Only

CRIP1 Recombinant antibody

Catalog Number:83340-3-RR

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Basic Information

Catalog Number:
83340-3-RR

Size:
1000 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7588

GenBank Accession Number:
BC002738

GeneID (NCBI):
1396

UNIPROT ID:
P50238

Full Name:
cysteine-rich protein 1 (intestinal)

Calculated MW:
9 kDa

Observed MW:
8-9 kDa

Purification Method:
Protein A purification

CloneNo.:
240176G2

Recommended Dilutions:
WB 1:5000-1:50000
IHC 1:200-1:800

Applications

Tested Applications:
WB, 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:

WB : T-47D cells, HeLa cells, mouse colon tissue

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

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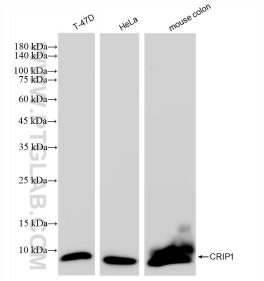
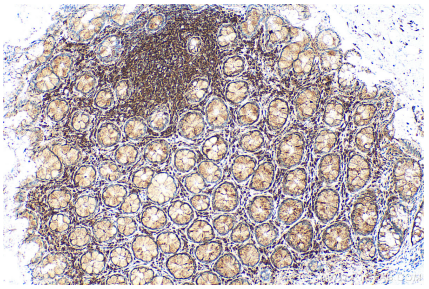
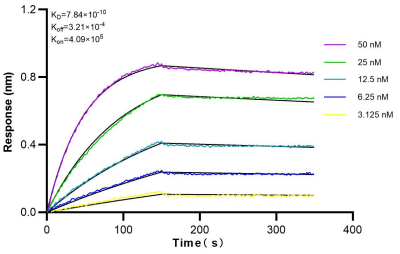
Selected Validation Data



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.