10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CRIP1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP4707b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	P50238
Other Accession	P63255, P63254, Q56K04
Reactivity	Human
Predicted	Mouse, Rat, Chicken, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24902
Calculated MW	8533
Antigen Region	48-77

Additional Information

Gene ID	1396
Other Names	Cysteine-rich protein 1, CRP-1, Cysteine-rich heart protein, CRHP, hCRHP, Cysteine-rich intestinal protein, CRIP, CRIP1, CRIP, CRP1
Target/Specificity	This CRIP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 48-77 amino acids from the C-terminal region of human CRIP1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CRIP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CRIP1
Synonyms	CRIP, CRP1

Function Seems to have a role in zinc absorption and may function as an intracellular zinc transport protein.

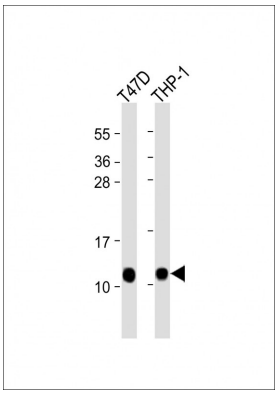
Background

Cysteine-rich intestinal protein (CRIP) belongs to the LIM/double zinc finger protein family, members of which include cysteine- and glycine-rich protein-1 (CSRP1; MIM 123876), rhombotin-1 (RBTN1; MIM 186921), rhombotin-2 (RBTN2; MIM 180385), and rhombotin-3 (RBTN3; MIM 180386). CRIP may be involved in intestinal zinc transport.

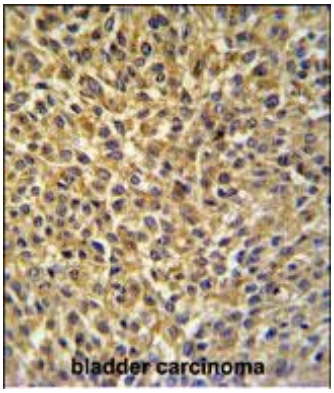
References

Garcia-Barcelo, M., et al. Genomics 47(3):419-422(1998)
Khoo, C., et al. Protein Expr. Purif. 9(3):379-387(1997)

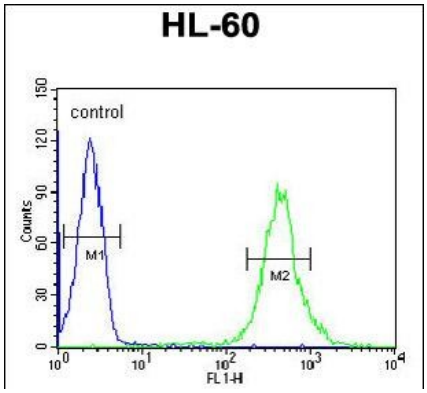
Images



All lanes : Anti-CRIP1 Antibody (C-term) at 1:8000 dilution Lane 1: T47D whole cell lysate Lane 2: THP-1 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 9 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



CRIP1 Antibody (C-term) (Cat. #AP4707b) IHC analysis in formalin fixed and paraffin embedded bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CRIP1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



CRIP1 Antibody (C-term) (Cat. #AP4707b) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Citations

- Amplified pathogenic actions of angiotensin II in cysteine-rich LIM-only protein 4-negative mouse hearts.
- Cysteine-Rich Intestinal Protein 1 Served as an Epithelial Ovarian Cancer Marker via Promoting Wnt/ -Catenin-Mediated EMT and Tumour Metastasis

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.