

Rabbit anti-Human CRIP2 Polyclonal Antibody | anti-CRIP2 antibody

Anti-CRIP2 Antibody, Rabbit Polyclonal

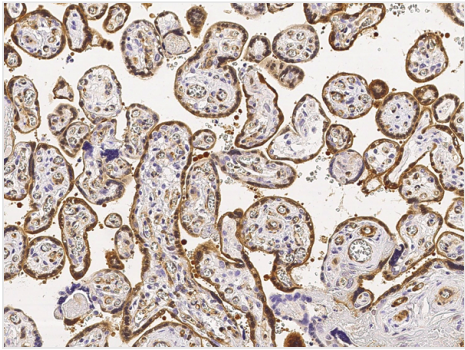
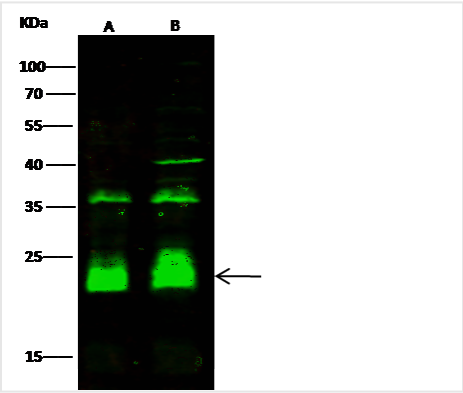
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255764	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CRIP2; Polyclonal Antibody; Anti-CRIP2 Antibody; Rabbit Polyclonal; CRIP2 Antibody; Rabbit PAb; Antigen Affinity Purified; cysteine-rich protein 2; Anti-CRIP Antibody; Anti-CRP2 Antibody; Anti-ESP1 Antibody; anti-CRIP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CRIP2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CRIP2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human CRIP2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human CRIP2 (rh CRIP2). CRIP2 specific IgG was purified by Human CRIP2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IHC (Immunohistochemistry)
Immunochemical staining of human CRIP2 in human placenta with rabbit polyclonal antibody(1:1000, formalin-fixed paraffin embedded sections).

WB (Western Blot)
Anti-CRIP2 rabbit polyclonal antibody at 1:200 dilution
Lane A: MCF7 Whole Cell Lysate
Lane B: HeLa Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 22 kDa
Observed band size: 22 kDa
(We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-CRIP2 antibody	CRIP2 is a putative transcription factor. It has a widespread tissue expression and is highly expressed in heart. CRIP2 contains two LIM zinc-binding domains. CRIP2 may participate in the differentiation of smooth muscle tissue. It also plays an important role in esophageal squamous cell carcinoma (ESCC) tumorigenesis. CRIP2 acts as a transcription repressor of the NF-kappaB-mediated proangiogenic cytokine expression and thus functionally inhibits tumor formation and angiogenesis. It interacts with the NF-kappaB/p65 to inhibit its DNA-binding ability to the promoter regions of the major proangiogenesis cytokines critical for tumor progression, including IL6, IL8, and VEGF. In conclusion, we provide compelling evidence that CRIP2 acts as a transcription repressor of the NF-kappaB-mediated proangiogenic cytokine expression and thus functionally inhibits tumor formation and angiogenesis.
References	Chang DF. et al., 2003, Dev Cell. 4 (1):107-18. Huber A. et al., 2000, J Biol Chem. 275 (8): 5504-11. Karim MA. et al., 1996, Genomics. 31 (2): 167-76.

NCBI AND UNIPROT INFORMATION

NCBI GI #	399498490
NCBI GeneID	1397
NCBI Accession #	NP_001257766
NCBI GenBank Nucleotide #	NM_001312
UniProt Accession #	P52943; A1A4U1; B7Z6C0; E9PD13
Molecular Weight	30,221 Da
NCBI Official Full Name	cysteine-rich protein 2 isoform 2
NCBI Official Synonym Full Names	cysteine-rich protein 2
NCBI Official Symbol	CRIP2
NCBI Official Synonym Symbols	CRIP; CRP2; ESP1
NCBI Protein Information	cysteine-rich protein 2; Cysteine-rich intestinal protein; LIM domain protein ESP1/CRP2
UniProt Protein Name	Cysteine-rich protein 2
UniProt Gene Name	CRIP2
UniProt Synonym Gene Names	CRP2; CRP-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/crip2-antibody-immunohistochemistry-western-blot-elisa/255764>