

Rabbit anti-Human CRIM1 Polyclonal Antibody | anti-CRIM1 antibody

CRIM1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39229	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

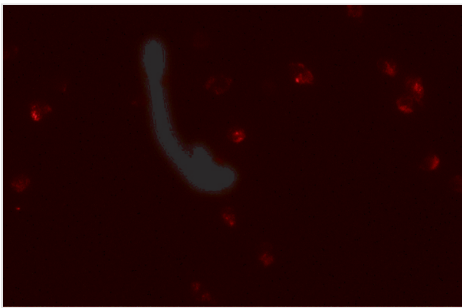
PRODUCT SYNONYMS

CRIM1; Polyclonal Antibody; CRIM1 Antibody; S52; CRIM-1; UNQ1886/PRO4330; Cysteine-rich motor neuron 1 protein; Cysteine-rich repeat-containing protein S52; cysteine rich transmembrane BMP regulator 1 (chordin-like); anti-CRIM1 antibody

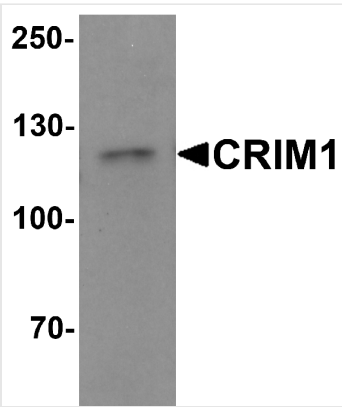
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CRIM1 antibody is human reactive. CRIM1 antibody is predicted to not cross-react with CRIM2.
Purity/Purification	CRIM1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1036
Applicable Applications for anti-CRIM1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	CRIM1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human Crim1.
Buffer	CRIM1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	CRIM1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of CRIM1 in Jurkat cells with CRIM1 antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of CRIM1 in Jurkat cell lysate with Crim1 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CRIM1 antibody	CRIM1 Antibody: CRIM1 (cysteine-rich motor neuron 1), a glycosylated type I transmembrane protein, plays a role in tissue development i.e. capillary formation and maintenance during angiogenesis. It contains an N-terminal IGF-binding protein-like motif and six von Willebrand-like cysteine-rich repeats (CRRs) in its extracellular domain. CRIM1 interacts with BMP4 and BMP7 via the CRRs and functions as an antagonist. CRIM1 is developmentally expressed in a number of tissues including the pancreas, kidney, placenta, brain and blood vessels. CRIM1 may participate in CNS and placental development by interacting with growth factors involved in motor neuron differentiation and survival.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10092639
NCBI GeneID	51232
NCBI Accession #	NP_057525
NCBI GenBank Nucleotide #	NM_016441.2
UniProt Accession #	Q9NZV1; Q2M2G4; Q59GH0; Q7LCQ5; Q9H318
Molecular Weight	113,738 Da
NCBI Official Full Name	cysteine-rich motor neuron 1 protein
NCBI Official Synonym Full Names	cysteine rich transmembrane BMP regulator 1 (chordin-like)
NCBI Official Symbol	CRIM1
NCBI Official Synonym Symbols	S52; CRIM-1
NCBI Protein Information	cysteine-rich motor neuron 1 protein; cysteine-rich repeat-containing protein S52
UniProt Protein Name	Cysteine-rich motor neuron 1 protein
UniProt Gene Name	CRIM1
UniProt Synonym Gene Names	S52; CRIM-1
UniProt Entry Name	CRIM1_HUMAN

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.