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CRIM-1 Rabbit pAb

Catalog # AP96295

Product Information

Application	WB
Primary Accession	Q9NZV1
Other Accession	Q9NZV1
Reactivity	Mouse
Predicted	Rat, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113738
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CRIM-1
Epitope Specificity	641-740/1036
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted and Cell membrane.
SIMILARITY	Contains 4 antistasin-like domains. Contains 1 IGFBP N-terminal domain. Contains 6 VWFC domains.
Post-translational modifications	N-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CRIM1 interacts with BMP4 (bone morphogenic protein 4) and BMP7 and modulates BMP activity by affecting their processing and delivery to the cell surface. By interacting with growth factors implicated in motor neuron differentiation and survival, it may play a role in CNS development. It may also play a role in capillary formation and maintenance during angiogenesis.

Additional Information

Gene ID	51232
Other Names	CRIM-1; S52; CRIM1_HUMAN; CRIM1; Cysteine-rich repeat-containing protein S52; CRIM1_MOUSE; cysteine rich transmembrane BMP regulator 1; cysteine-rich motor neuron 1; cysteine rich transmembrane BMP regulator 1 (chordin-like)
Target/Specificity	Expressed in pancreas, kidney, skeletal muscle, lung, placenta, brain, heart, spleen, liver and small intestine. Expressed in blood vessels (at protein level).
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CRIM1
Synonyms	S52
Function	May play a role in CNS development by interacting with growth factors implicated in motor neuron differentiation and survival. May play a role in capillary formation and maintenance during angiogenesis. Modulates BMP activity by affecting its processing and delivery to the cell surface.
Cellular Location	[Processed cysteine-rich motor neuron 1 protein]: Secreted
Tissue Location	Expressed in pancreas, kidney, skeletal muscle, lung, placenta, brain, heart, spleen, liver and small intestine Expressed in blood vessels (at protein level)

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