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Datasheet for 600-401-AN3

CRIM1 Antibody

Overview

Description:	Anti-CRIM1 (RABBIT) Antibody - 600-401-AN3
Item No.:	600-401-AN3
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	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.
Synonyms:	CRIM1 Antibody, S52, CRIM-1, S52, UNQ1886/PRO4330, Cysteine-rich motor neuron 1 protein, Cysteine-rich repeat-containing protein S52
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	CRIM1
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-CRIM1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the C-terminus of human Crim1.

Purity/Specificity:	Anti-CRIM1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. CRIM1 antibody is human reactive. CRIM1 antibody is predicted to not cross-react with CRIM2.
Relevant Links:	• UniProtKB - Q9NZV1 • GeneID - 51232 • NCBI - NP_057525

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-CRIM1 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 114 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	20 µg/mL
WB:	1 µg/mL

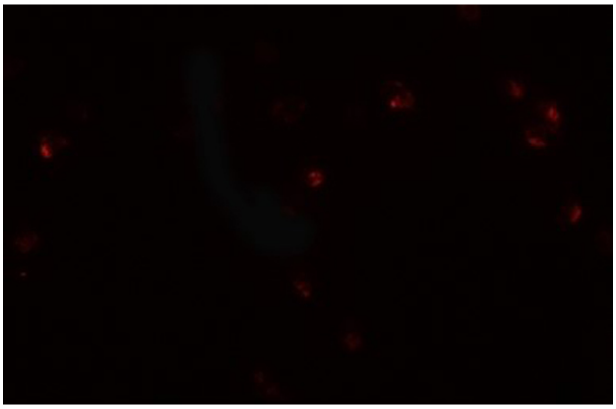
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

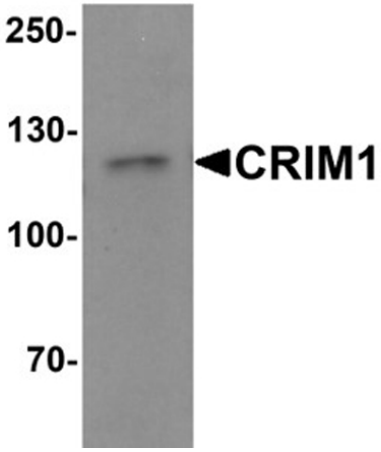
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunofluorescence Microscopy
Immunofluorescence of CRIM1.
Cell: Jurkat cells.
Primary Antibody: CRIM1 antibody at 20 µg/mL.



Western Blot
Western blot analysis of CRIM1.
Load: Jurkat cell lysate.
Primary Antibody: Crim1 antibody at 1 µg/mL.

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