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Datasheet for ABIN6991727 **anti-CRIM1 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	CRIM1
Binding Specificity:	AA 910-960, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRIM1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	CRIM1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human Crim1. The immunogen is located within amino acids 910 - 960 of CRIM1.
Isotype:	IgG
Specificity:	CRIM1 antibody is human reactive. CRIM1 antibody is predicted to not cross-react with CRIM2.
Purification:	CRIM1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CRIM1
Alternative Name:	CRIM1 (CRIM1 Products)
Background:	CRIM1 Antibody: CRIM1 (cysteine-rich motor neuron 1), a glycosylated type I transmembrane

Target Details

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.

Gene ID: 51232

NCBI Accession: [NP_057525](#)

UniProt: [Q9NZV1](#)

Pathways: [Growth Factor Binding](#)

Application Details

Application Notes: CRIM1 antibody can be used for detection of Crim1 by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: CRIM1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: CRIM1 antibody can be stored at 4°C for three months and -20°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.