bs-21654R **[Primary Antibody]**

CRIM-1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 51232 **SWISS:** Q9NZV1

Target: CRIM-1

Immunogen: KLH conjugated synthetic peptide derived from human CRIM-1: 641-740/1036. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: 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.

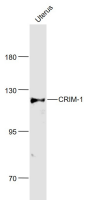
Applications: **WB** (1:500-2000)

Reactivity: Mouse (predicted: Human, Rat)

Predicted MW.: 110 kDa

Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Sample: Uterus (Mouse) Lysate at 40 ug Primary: Anti- CRIM-1 (bs-21654R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 110 kD Observed band size: 110 kD

SELECTED CITATIONS

- **[IF=10.2]** Zheng Ming-Hui. et al. Vascular wall microenvironment: exosomes secreted by adventitial fibroblasts induced vascular calcification. J NANOBIOTECHNOL. 2023 Dec;21(1):1-21 WB,IHC ;Mouse. 37667298