



Rabbit Anti-CRIM1 antibody

SL2034R

| | |
|--------------------------------|---|
| Product Name: | CRIM1 |
| Chinese Name: | 富含半胱氨酸运动神经元蛋白1抗体 |
| Alias: | Cysteine-rich motor neuron 1 protein; CRIM-1; Cysteine-rich repeat-containing protein S52; Processed cysteine-rich motor neuron 1protein; CRIM 1; CRIM1; Cysteine rich motor neuron 1 protein; Cysteine rich repeat containing protein S52; Cysteine rich transmembrane BMP regulator 1 (chordin like); Cysteine rich transmembrane BMP regulator 1; MGC138194; Processed cysteine rich motor neuron 1 protein; S52; CRIM1 HUMAN. |
| 文献引用 PubMed : | Specific References(1) SL2034R has been referenced in 1 publications. [IF=3.39]Zeng, Hui, et al. "CRIM1, a newfound cancer-related player, regulates the adhesion and migration of lung cancer cells." Growth Factors (2016): 1-9. WB;Human. PubMed:26653968 |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 110kDa |
| Cellular localization: | The cell membraneSecretory protein |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from mouse CRIM1:901-1028/1028 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |

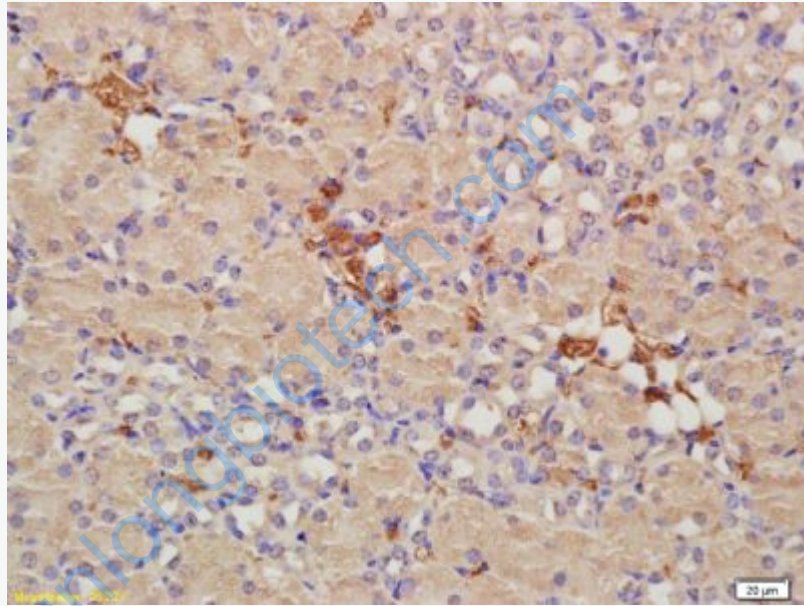
| | |
|------------------------|--|
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | <p>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.</p> <p>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.</p> <p>Subcellular Location: Secreted and Cell membrane.</p> <p>Tissue Specificity: Expressed in pancreas, kidney, skeletal muscle, lung, placenta, brain, heart, spleen, liver and small intestine. Expressed in blood vessels (at protein level).</p> <p>Post-translational modifications: N-glycosylated.</p> <p>Similarity: Contains 4 antistasin-like domains. Contains 1 IGFBP N-terminal domain. Contains 6 VWFC domains.</p> <p>SWISS: Q9JLL0</p> <p>Gene ID: 50766</p> <p>Database links: Entrez Gene: 51232 Human Entrez Gene: 50766 Mouse Omim: 606189 Human SwissProt: Q9NZV1 Human</p> |

[SwissProt: Q9JLL0](#) Mouse

[Unigene: 699247](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

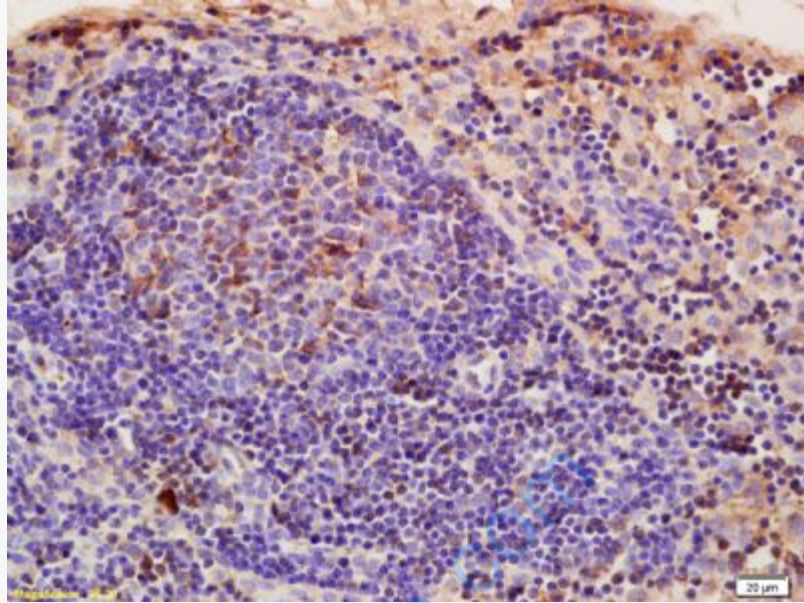


Picture:

Tissue/cell: Mouse kidney; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CRIM1 Polyclonal Antibody, Unconjugated(SL2034R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: Pancreatic cancer in rats; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min;

Incubation: Anti-CRIM1 Polyclonal Antibody, Unconjugated (SL2034R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining