

CRIM1 Rabbit pAb

Catalog Number: bs-2034R

Target Protein: CRIM1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat

Predicted MW: 110 kDa

Entrez Gene: 50766

Swiss Prot: Q9JLL0

Source: KLH conjugated synthetic peptide derived from mouse CRIM1: 901-1028/1028.

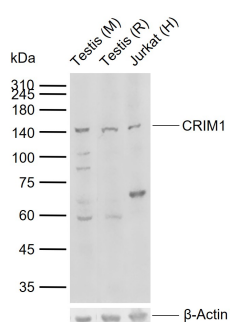
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

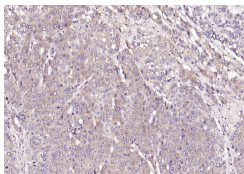
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

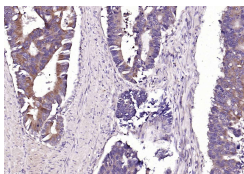
VALIDATION IMAGES



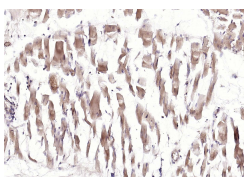
Sample: Lane 1: Mouse Testis tissue lysates Lane 2: Rat Testis tissue lysates Lane 3: Human Jurkat cell lysates Primary: Anti-CRIM1 (bs-2034R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 110 kDa Observed band size: 140 kDa



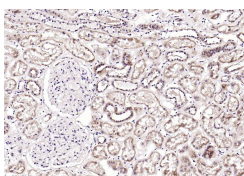
Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (CRIM1) Polyclonal Antibody, Unconjugated (bs-2034R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



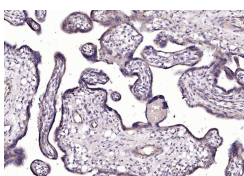
Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (CRIM1) Polyclonal Antibody, Unconjugated (bs-2034R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (CRIM1) Polyclonal Antibody, Unconjugated (bs-2034R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (CRIM1) Polyclonal Antibody, Unconjugated (bs-2034R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human placenta); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (CRIM1) Polyclonal Antibody, Unconjugated (bs-2034R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.556] Diqi Yang, et al. Essential Role of CRIM1 on Endometrial Receptivity in Goat. Int J Mol Sci. 2021 Jan;22(10):5323 WB ; Goat . 34070207

[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" . 26653968