bs-6211R

[Primary Antibody]



PCMT1 Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 5110 **SWISS:** P22061

Target: PCMT1

Immunogen: KLH conjugated synthetic peptide derived from human PCMT1:

165-227/227.

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: PCMT1 (Protein-L-isoaspartate (D-aspartate) O-methyltransferase) plays a role in the repair and/or degradation of damaged proteins

by initiating the conversion of abnormal D-aspartyl and Lisoaspartyl residues to the normal L-aspartyl form. It catalyzes the methyl esterification of L-isoaspartyl and D-aspartyl residues in peptides and proteins that result from spontaneous deamidation, isomerization, and racemization of normal L-aspartyl and L-

asparaginyl residues.

Applications: WB (1:500-2000)

IHC-P (1:100-500) **IHC-F** (1:100-500) **IF** (1:100-500)

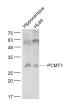
Reactivity: Human, Rat

(predicted: Mouse, Pig, Cow, Dog, Horse)

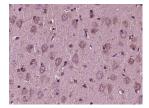
Predicted 25 kDa

Subcellular Cytoplasm Location:

VALIDATION IMAGES



Sample: Hippocampus (Mouse) Lysate at 40 ug HL60(Human) Cell Lysate at 30 ug Primary: Anti-PCMT1 (bs-6211R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 25 kD Observed band size: 28 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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; Antibody incubation with (PCMT1) Polyclonal Antibody, Unconjugated (bs-6211R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.