

bs-24307R**[Primary Antibody]****PCSK1/NEC1 Rabbit pAb****BioSS**
ANTIBODIES

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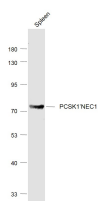
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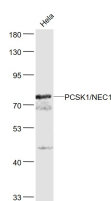
400-901-9800

— DATASHEET —

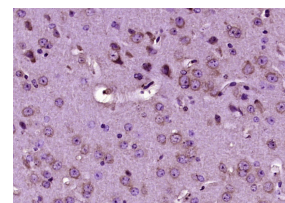
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 5122	SWISS: P29120	IHC-F (1:100-500)
Target: PCSK1/NEC1		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human PCSK1/NEC1: 311-410/753.		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Sheep, Cow, Chicken, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 71 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted
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: This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an initial autocatalytic processing event in the ER to generate a heterodimer which exits the ER and sorts to subcellular compartments where a second autocatalytic event takes place and the catalytic activity is acquired. The protease is packaged into and activated in dense core secretory granules and expressed in the neuroendocrine system and brain. This gene encodes one of the seven basic amino acid-specific members which cleave their substrates at single or paired basic residues. It functions in the proteolytic activation of polypeptide hormones and neuropeptides precursors. Mutations in this gene have been associated with susceptibility to obesity and proprotein convertase 1/3 deficiency. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene [provided by RefSeq, Jan 2014]		

— VALIDATION IMAGES —

Sample: Spleen (Mouse) Lysate at 40 ug Primary: Anti-PCSK1¹ NEC1 (bs-24307R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 71 kD Observed band size: 71 kD



Sample: HeLa (Human) Cell Lysate at 30 ug Primary: Anti- PCSK1/NEC1 (bs-24307R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 71 kD Observed band size: 75 kD



Paraformaldehyde-fixed, paraffin embedded (mouse 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 (PCSK1/NEC1) Polyclonal Antibody, Unconjugated (bs-24307R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.