

bs-19905R**[Primary Antibody]****PCBD1 Rabbit pAb****BioSS**
ANTIBODIES

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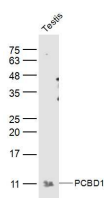
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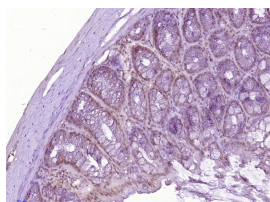
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 5092	SWISS: P61457	IHC-F (1:100-500)
Target: PCBD1		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human PCBD1: 2-50/104.		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Cow)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 12 kDa
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.		Subcellular Location: Cytoplasm ,Nucleus
Background: This gene encodes a member of the pterin-4-alpha-carbinolamine dehydratase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein functions as both a dehydratase involved in tetrahydrobiopterin biosynthesis, and as a cofactor for HNF1A-dependent transcription. A deficiency of this enzyme leads to hyperphenylalaninemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]		

— VALIDATION IMAGES —

Sample: Testis (Mouse) Lysate at 40 ug Primary:
Anti-PCBD1 (bs-19905R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 12 kD
Observed band size: 12 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse colon); 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 (PCBD1) Polyclonal Antibody, Unconjugated (bs-19905R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.