

bs-1871R**[Primary Antibody]****HIF Prolyl Hydroxylases Rabbit pAb****BioSS**
ANTIBODIES

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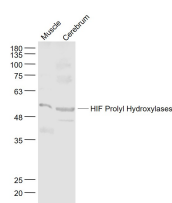
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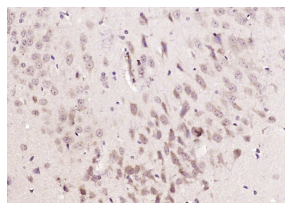
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 55 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 54681	SWISS: Q9NXG6	
Target: HIF Prolyl Hydroxylases		
Immunogen: KLH conjugated synthetic peptide derived from human PH-4: 201-300/502.		
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: The product of this gene belongs to the family of prolyl 4-hydroxylases. This protein is a prolyl hydroxylase that may be involved in the degradation of hypoxia-inducible transcription factors under normoxia. It plays a role in adaptation to hypoxia and may be related to cellular oxygen sensing. Alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008].		

— VALIDATION IMAGES —

Sample: Muscle (Mouse) Lysate at 40 ug
Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-HIF Prolyl Hydroxylases (bs-1871R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 55 kD
Observed band size: 55 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 (HIF Prolyl Hydroxylases) Polyclonal Antibody, Unconjugated (bs-1871R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.