

bs-5601R**[Primary Antibody]****phospho-TPH (Ser260) Rabbit pAb****Bioss**
ANTIBODIES

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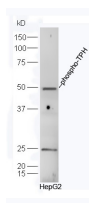
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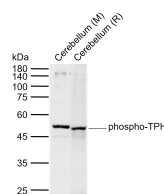
400-901-9800

— DATASHEET —

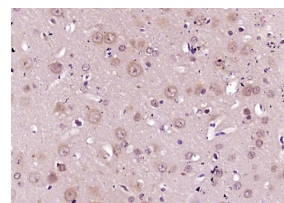
Host: Rabbit Clonality: Polyclonal GeneID: 7166 Target: phospho-TPH (Ser260) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human TPH around the phosphorylation site of Ser260: HS(p-S)DP. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) 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: This gene encodes a member of the aromatic amino acid hydroxylase family. The encoded protein catalyzes the first and rate limiting step in the biosynthesis of serotonin, an important hormone and neurotransmitter. Mutations in this gene have been associated with an elevated risk for a variety of diseases and disorders, including schizophrenia, somatic anxiety, anger-related traits, bipolar disorder, suicidal behavior, addictions, and others.[provided by RefSeq, Apr 2009].	Isotype: IgG SWISS: P17752	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Sheep, Cow, Dog, Horse)
		Predicted MW.: 49 kDa
		Subcellular Location: Cytoplasm

— VALIDATION IMAGES —

Sample: HepG2 Cell (Human) Lysate at 40 ug
Primary: Anti-phospho-TPH (Ser260) (bs-5601R) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution Predicted band size: 49 kD Observed band size: 49 kD



Sample: Lane 1: Mouse Cerebellum tissue lysates
Lane 2: Rat Cerebellum tissue lysates Primary: Anti-phospho-TPH (Ser260) (bs-5601R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kDa Observed band size: 50 kDa



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); 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 (TPH (Ser260)) Polyclonal Antibody, Unconjugated (bs-5601R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.