

bs-10106R**[Primary Antibody]****phospho-Tau (Thr548) Rabbit pAb****Bioss**
ANTIBODIES

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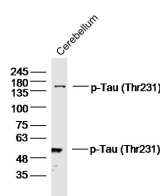
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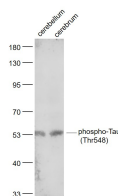
400-901-9800

— DATASHEET —

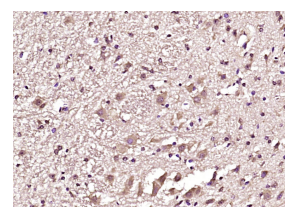
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 4137	SWISS: P10636	IHC-F (1:100-500)
Target: phospho-Tau (Thr548)		IF (1:100-500)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Tau around the phosphorylation site of Thr548: VR(p-T)PP.		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Cow, Dog, Horse)
Purification: affinity purified by Protein A		Predicted MW.: 52/79 kDa
Concentration: 1mg/ml		Subcellular Location: Cell membrane ,Cytoplasm
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: Tau proteins are important Promotes microtubule assembly and stability, and might be involved in the establishment and maintenance of neuronal polarity. The C-terminus binds axonal microtubules while the N-terminus binds neural plasma membrane components, suggesting that tau functions as a linker protein between both. Axonal polarity is predetermined by tau localization (in the neuronal cell) in the domain of the cell body defined by the centrosome. The short isoforms allow plasticity of the cytoskeleton whereas the longer isoforms may preferentially play a role in its stabilization. Tau proteins subcellular located in the axons of neurons, in the cytosol and in association with plasma membrane components. It expressed in neurons. PNS-tau is expressed in the peripheral nervous system while the others are expressed in the central nervous system.		

— VALIDATION IMAGES —

(mouse/tissue)Cerebellum lysates probed with p-Tau(Thr231) Polyclonal Antibody, Unconjugated (Catalog #bs-10106R) at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody (Secondary Catalog #926-32211) at 1:10000 for 60 min at 37°C.



Sample: Cerebellum (Mouse) Lysate at 40 ug
Cerebrum (Rat) Lysate at 40 ug
Primary: Anti-phospho-Tau (Thr548) (bs-10106R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 52/79 kD
Observed band size: 53 kD



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); 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 (phospho-Tau (Thr548)) Polyclonal Antibody, Unconjugated (bs-10106R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.