

bs-3119R**[Primary Antibody]****phospho-DARPP32 (Thr75) Rabbit pAb****BioSS**
ANTIBODIES

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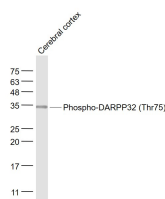
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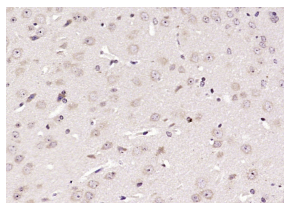
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 84152 Target: DARPP32 (Thr75) Immunogen: KLH conjugated Synthesised phosphopeptide derived from human DARPP32 around the phosphorylation site of Thr75: AY(p-T)PP. 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 bifunctional signal transduction molecule. Dopaminergic and glutamatergic receptor stimulation regulates its phosphorylation and function as a kinase or phosphatase inhibitor. As a target for dopamine, this gene may serve as a therapeutic target for neurologic and psychiatric disorders. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011].	Isotype: IgG SWISS: Q9UD71	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Dog, GuineaPig, Horse) Predicted MW.: 32 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Sample: Cerebral cortex (Mouse) Lysate at 40 ug
Primary: Anti- Phospho-DARPP32 (Thr75)
(bs-3119R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 32 kD Observed
band size: 32 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 (Phospho-DARPP32 (Thr75))
Polyclonal Antibody, Unconjugated (bs-3119R)
at 1:200 overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.