

DARPP-32 (Phospho Ser97) rabbit pAb

Catalog No :	YP1311
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	DARPP-32
Fields :	>>cAMP signaling pathway;>>Dopaminergic synapse;>>Cocaine addiction;>>Amphetamine addiction;>>Alcoholism
Gene Name :	PPP1R1B DARPP32
Protein Name :	DARPP-32 (Ser97)
Human Gene Id :	84152
Human Swiss Prot No :	Q9UD71
Mouse Gene Id :	19049
Mouse Swiss Prot No :	Q60829
Rat Gene Id :	360616
Rat Swiss Prot No :	Q6J4I0
Immunogen :	Synthesized phospho peptide around human DARPP-32 (Ser97)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat DARPP-32 (phospho-Ser97)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000

Purification : The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 30kD

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],

Function : function:Inhibitor of protein-phosphatase 1.,PTM:Dopamine- and cyclic AMP-regulated neuronal phosphoprotein.,PTM:Phosphorylation of Thr-34 is required for activity.,similarity:Belongs to the protein phosphatase inhibitor 1 family.,

Subcellular Location : Cytoplasm.

Expression : Adipose tissue,Brain,Cerebellum,Colon,Ovary,

Products Images

