

## DARPP-32 (Phospho Ser97) rabbit pAb

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

<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	30kD
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	Cytoplasm.
<b>Expression :</b>	Adipose tissue,Brain,Cerebellum,Colon,Ovary,

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