

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)

Q9UD71

Q60829

Human Gene Id: 84152

Human Swiss Prot

No:

Mouse Gene Id: 19049

Mouse Swiss Prot

No:

Rat Gene Id: 360616

Rat Swiss Prot No: Q6J4I0

Immunogen: Synthesized phosho 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

1/2



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

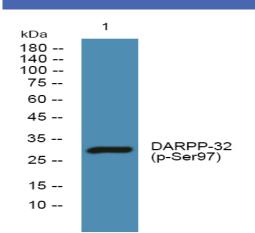
for activity., similarity: Belongs to the protein phosphatase inhibitor 1 family.,

Subcellular Location:

Cytoplasm.

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

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night