DARPP-32 Monoclonal Antibody

Catalog No	YP-mAb-12710
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PPP1R1B
Protein Name	Protein phosphatase 1 regulatory subunit 1B
Immunogen	The antiserum was produced against synthesized peptide derived from human DARPP-32. AA range:41-90
Specificity	DARPP-32 Monoclonal Antibody detects endogenous levels of DARPP-32 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	PPP1R1B; DARPP32; Protein phosphatase 1 regulatory subunit 1B; DARPP-32; Dopamine- and cAMP-regulated neuronal phosphoprotein
Observed Band	32kD
Cell Pathway	Cytoplasm.
Tissue Specificity	Adipose tissue,Brain,Cerebellum,Colon,Ovary,
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.,
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],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using DARPP-32 Monoclonal Antibody