



DARPP-32 (phospho Thr75) Monoclonal Antibody

Catalog No	BYmab-12633
Isotype	IgG
Reactivity	Human;Mouse;Rat;Monkey
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 around the phosphorylation site of Thr75. AA range:41-90
Specificity	Phospho-DARPP-32 (T75) Monoclonal Antibody detects endogenous levels of DARPP-32 protein only when phosphorylated at T75.
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 1:500-2000
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.

Nanjing BYabscience technology Co.,Ltd



[provided by RefSeq, Oct 2011],

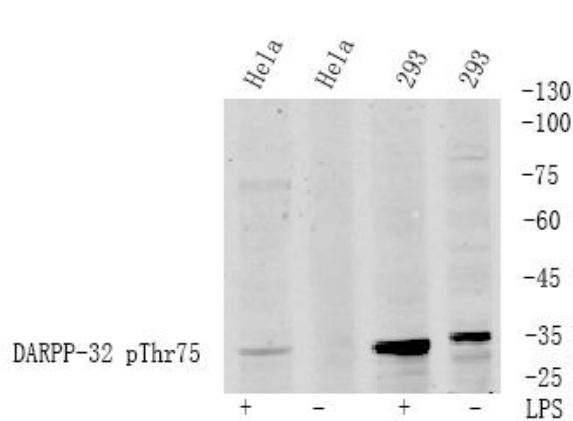
matters needing attention

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 (phospho Thr75) Monoclonal Antibody

Nanjing BYabs science technology Co.,Ltd

网址: www.njbybio.com

官方热线: 025-5229-8998

监督电话: 15950492658