



DARPP-32 Polyclonal Antibody

Catalog No	BYab-12710
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
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 Polyclonal Antibody detects endogenous levels of DARPP-32 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000.. IF 1:50-200
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],

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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.

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网址: www.njbybio.com

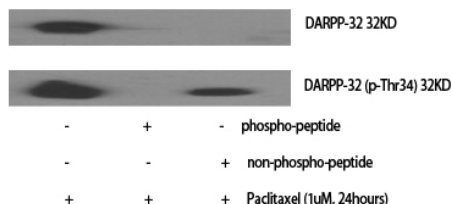
官方热线: 025-5229-8998

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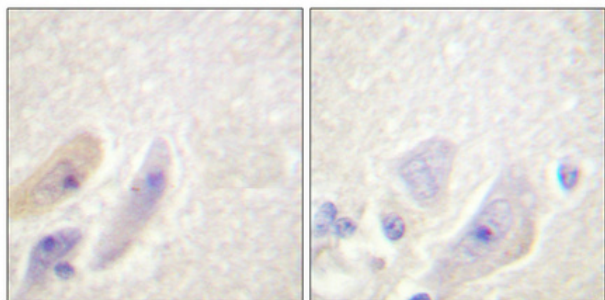


Products Images

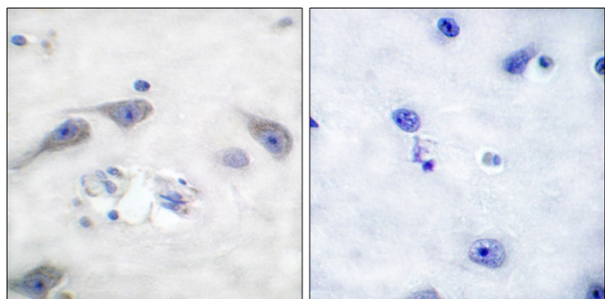
Western Blot analysis of various cells using DARPP-32 Polyclonal Antibody diluted at 1:500



Western Blot analysis of COLO205 cells using DARPP-32 Polyclonal Antibody diluted at 1:500



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



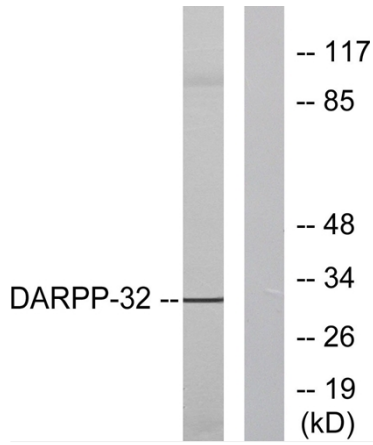
Immunohistochemistry analysis of paraffin-embedded human brain tissue, using DARPP-32 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from 293 cells, treated with EGF 200ng/ml 30', using DARPP-32 Antibody. The lane on the right is blocked with the synthesized peptide.