

Product Name: DARPP-32 Rabbit Monoclonal Antibody**Catalog #: AMRe21057**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.2mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:23kD;Observed MW:32kD

Antigen Information

Gene Name	PPP1R1B
Alternative Names	PPP1R1B;DARPP32;Protein phosphatase 1 regulatory subunit 1B;DARPP-32;Dopamine- and cAMP-regulated neuronal phosphoprotein
Gene ID	84152.0
SwissProt ID	Q9UD71
Immunogen	A synthetic peptide of human DARPP32

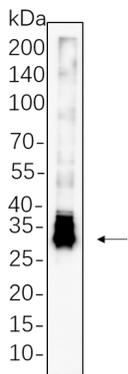
Background

Cell localization:Cytoplasm..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],

Research Area

Image Data



A431 cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with DARPP-32 Rabbit Monoclonal Antibody 1:1000. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.