

Datasheet for ABIN680323

**anti-DARPP32 antibody (AA 51-150)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	DARPP32 (PPP1R1B)
Binding Specificity:	AA 51-150
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DARPP32 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DARPP32
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Horse,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

## Target Details

Target:	DARPP32 (PPP1R1B)
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## Target Details

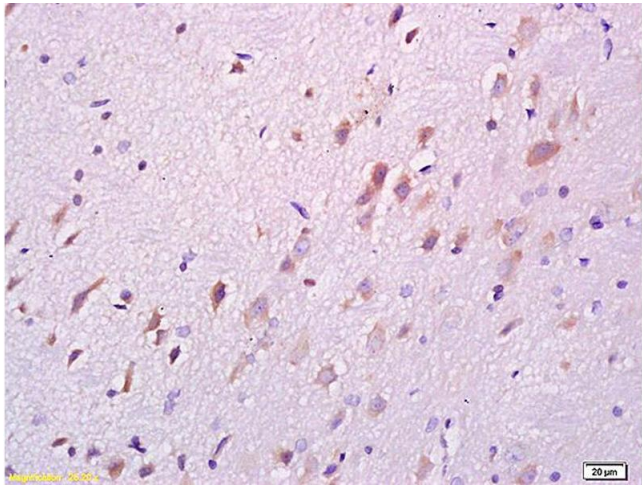
Alternative Name:	DARPP32 ( <a href="#">PPP1R1B Products</a> )
Background:	<p>Synonyms: DARPP32, DARPP-32, Protein phosphatase 1 regulatory subunit 1B, Dopamine- and cAMP-regulated neuronal phosphoprotein, PPP1R1B</p> <p>Background: This gene encodes a bifunctional signal transduction molecule. Dopaminergic 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].</p>
Gene ID:	84152
UniProt:	<a href="#">Q9UD71</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

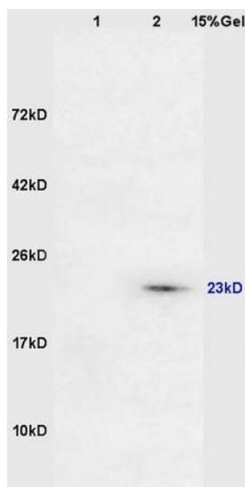
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti DARPP32 Polyclonal Antibody, Unconjugated (ABIN680323) at 1:200 followed by conjugation to the secondary antibody and DAB staining



### SDS-PAGE

**Image 2.** Lane 1: mouse lung lysates Lane 2: mouse intestine lysates probed with Anti DARPP32 Polyclonal Antibody, Unconjugated (ABIN680323) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 23kD. Observed band size: 23kD.