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anti-DARPP32 antibody (Thr75)

2 Images



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Overview		
Quantity:	100 μL	
Target:	DARPP32 (PPP1R1B)	
Binding Specificity:	Thr75	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DARPP32 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)	
Product Details		
Immunogen:	Synthesized non-phosphopeptide derived from Human DARPP-32 around the phosphorylation	
	site of threonine 75 (A-Y-T(p)-P-P).	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Target Details		
Target:	DARPP32 (PPP1R1B)	
Alternative Name:	PPP1R1B (PPP1R1B Products)	

Target Details

Background:

Background: Inhibitor of protein-phosphatase 1.

JA Girault, J. Biol. Chem., Dec 1989, 264: 21748 - 21759.

GL Snyder, J. Neurosci., Aug 1992, 12: 3071.

Akinori Nishi, J. Neurosci., Nov 1997, 17: 8147.

Artur Mayerhofer, J. Clin. Endocrinol. Metab., Dec 2000, 85: 4750 - 4757.

Aliases: DARPP 32 antibody, DARPP-32 antibody, Dopamine and cAMP regulated neuronal phosphoprotein 32 antibody, Dopamine and cAMP regulated neuronal phosphoprotein antibody, Dopamine and cAMP regulated phosphoprotein antibody, Dopamine and cAMP regulated phosphoprotein DARPP 32 antibody, Dopamine and cAMP regulated phosphoprotein DARPP32 antibody, Dopamine- and cAMP-regulated neuronal phosphoprotein antibody, FLJ20940 antibody, IPPD antibody, Neuronal phosphoprotein DARPP 32 antibody, PPP1R1B antibody, PPR1B_HUMAN antibody, Protein phosphatase 1 regulatory (inhibitor) subunit 1B antibody, Protein phosphatase 1 regulatory subunit 1B antibody, Protein phosphatase 1 regulatory subunit 1B antibody

UniProt:

Q9UD71

Application Details

Application	Notes.
Application	MOLES.

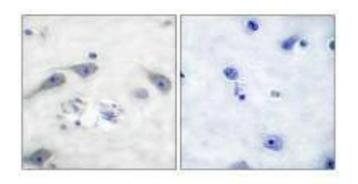
WB:1:500-1:3000, IHC:1:50-1:200, IF:1:100-1:200,

Restrictions:

For Research Use only

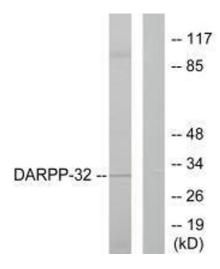
Handling

Format:	Liquid	
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffinembedded human brain tissue using DARPP-32 (Ab-75) antibody.



Western Blotting

Image 2. Western blot analysis of extracts from 293 cells treated with EGF (200 ng/mL, 30 min), using DARPP-32 (Ab-75) antibody.