

ARG51680 anti-DARPP32 phospho (Thr75) antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DARPP32 phospho (Thr75)
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DARPP32
Species	Human
Immunogen	Peptide sequence around phosphorylation site of threonine 75 (A-Y-T(p)-P-P) derived from Human DARPP-32.
Conjugation	Un-conjugated
Alternate Names	Dopamine- and cAMP-regulated neuronal phosphoprotein; DARPP32; DARPP-32; Protein phosphatase 1 regulatory subunit 1B

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100 - 1:200
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

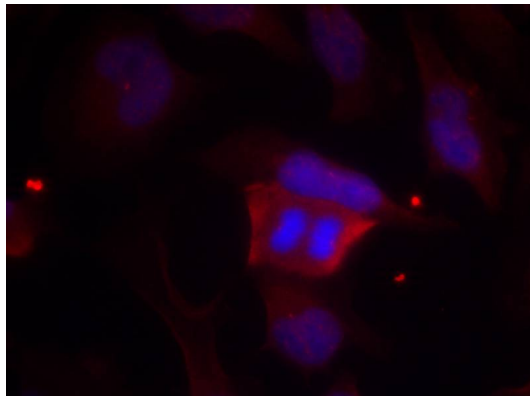
Properties

Form	Liquid
Purification	Antibodies were produced by immunizing rabbits with KLH-conjugated synthetic phosphopeptide. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. In addition, non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Buffer	PBS (without Mg ²⁺ and Ca ²⁺ , pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PPP1R1B
Gene Full Name	protein phosphatase 1, regulatory (inhibitor) subunit 1B
Background	Inhibitor of protein-phosphatase 1.
Function	Inhibitor of protein-phosphatase 1. [UniProt]
Research Area	Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	23 kDa
PTM	Dopamine- and cyclic AMP-regulated neuronal phosphoprotein. Phosphorylation of Thr-34 is required for activity.

Images



ARG51680 anti-DARPP32 phospho (Thr75) antibody ICC/IF image

Immunofluorescence: methanol-fixed HeLa cells stained with ARG51680 anti-DARPP32 phospho (Thr75) antibody.