

Rabbit DARPP-32 Polyclonal Antibody | anti-DARPP-32 antibody

DARPP-32 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303716	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

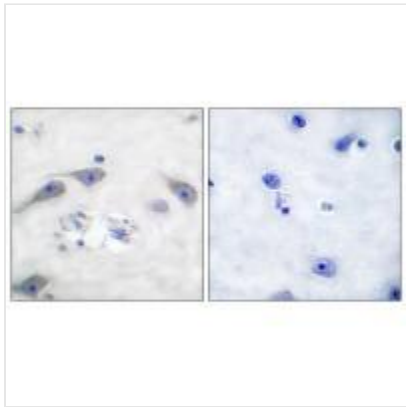
PRODUCT SYNONYMS

DARPP-32; Polyclonal Antibody; DARPP-32 Antibody; Dopamine-and cAMP-regulated neuronal phosphoprotein; IPPD; Neuronal phosphoprotein DARPP-32; PPP1R1B; anti-DARPP-32 antibody

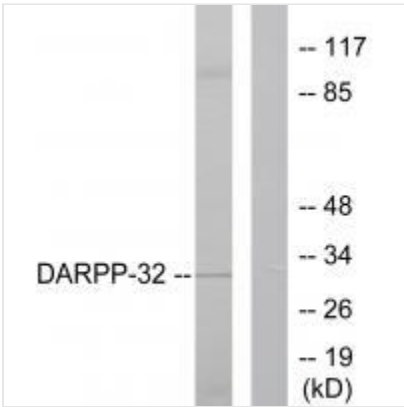
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total DARPP-32 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	168
Applicable Applications for anti-DARPP-32 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized non-phosphopeptide derived from human DARPP-32 around the phosphorylation site of threonine 75 (A-Y-T(p)-P-P).
Target Name	DARPP-32
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue using DARPP-32 (Ab-75) antibody.



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

ADDITIONAL INFORMATION

Related Product Information for anti-DARPP-32 antibody	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.
Product Categories/Family for anti-DARPP-32 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	335057524
NCBI GeneID	84152
NCBI Accession #	NP_001229393.1
NCBI GenBank Nucleotide #	NM_001242464.1
UniProt Accession #	Q9UD71; Q547V9; Q547W0; Q9H7G1
Molecular Weight	18,738 Da
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 1B isoform 2
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory (inhibitor) subunit 1B
NCBI Official Symbol	PPP1R1B
NCBI Official Synonym Symbols	DARPP32; DARPP-32
NCBI Protein Information	protein phosphatase 1 regulatory subunit 1B
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 1B
UniProt Gene Name	PPP1R1B
UniProt Synonym Gene Names	DARPP32
UniProt Entry Name	PPR1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.