

DARPP-32 Antibody

Catalog No: #33116



Package Size: #33116-1 50ul #33116-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

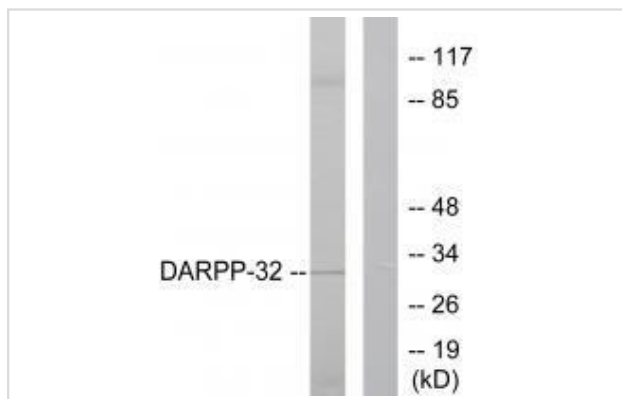
Product Name	DARPP-32 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total DARPP-32 protein.
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
Other Names	Dopamine- and cAMP-regulated neuronal phosphoprotein; IPPD; Neuronal phosphoprotein DARPP-32; PPP1R1B;
Accession No.	Swiss-Prot: Q9UD71NCBI Gene ID: 84152
Uniprot	Q9UD71
GeneID	84152;
SDS-PAGE MW	32kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

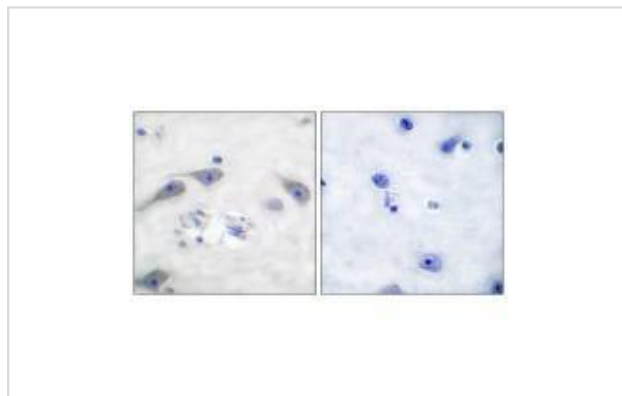
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from 293 cells treated with EGF (200ng/ml, 30min), using DARPP-32 (Ab-75) antibody #33116.



Immunohistochemical analysis of paraffin-embedded human brain tissue using DARPP-32 (Ab-75) antibody #33116.

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.

Note: This product is for in vitro research use only