

[KD]DARPP32 Rabbit mAb

Catalog # AP75338

Product Information

Application	WB, IHC-P, IP
Primary Accession	Q9UD71
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	22963

Additional Information

Gene ID	84152
Other Names	PPP1R1B
Dilution	WB~~1:500-1:1000 IHC-P~~N/A IP~~1:20
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

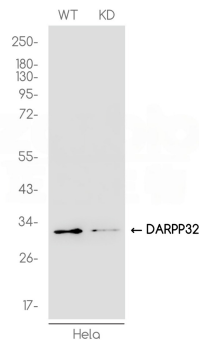
Name	PPP1R1B
Synonyms	DARPP32
Function	Inhibitor of protein-phosphatase 1.
Cellular Location	Cytoplasm.

Background

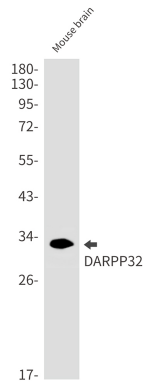
DARPP-32 a member of the protein phosphatase inhibitor 1 family. A dopamine- and cyclic AMP-regulated neuronal phosphoprotein. Both dopaminergic and glutamatergic (NMDA) receptor stimulation regulate the extent of DARPP32 phosphorylation, but in opposite directions.

Images

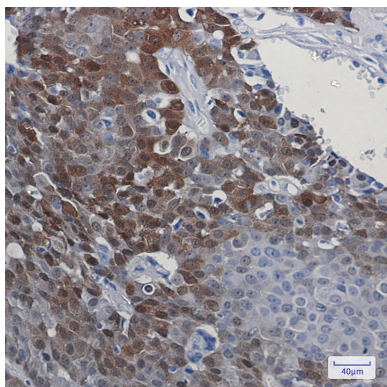
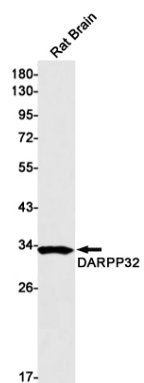
Western blot analysis of DARPP32 in HeLa(WT) and DARPP32-Knockdown HeLa(KD) using DARPP32 antibody.



Western blot analysis of DARPP32 in mouse brain lysates using DARPP32 antibody.



Western blot analysis of DARPP32 in rat Brain lysates using DARPP32 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using DARPP32 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.