

Product Name: DARPP32 Rabbit Monoclonal antibody
Catalog #: AMRe04070



Summary

Production Name	DARPP32 Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PPP1R1B
Alternative Names	PPP1R1B; DARPP32; Protein phosphatase 1 regulatory subunit 1B; DARPP-32; Dopamine- and cAMP-regulated neuronal phosphoprotein
Gene ID	84152
SwissProt ID	Q9UD71.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IP: 1:20
Molecular Weight	Calculated MW: 23 kDa; Observed MW: 32 kDa

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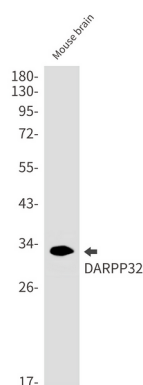
Background

DARPP-32 is 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.

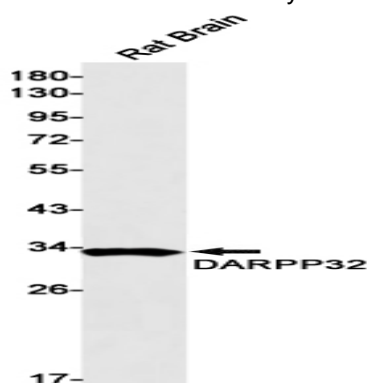
Research Area

Neuroscience

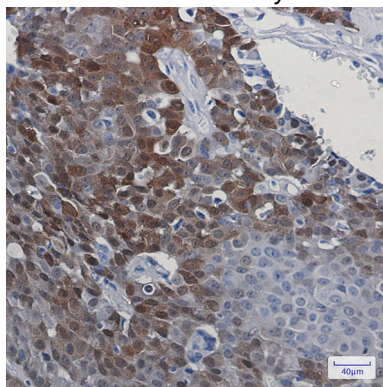
Image Data



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



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



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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.

Note

For research use only.