

Rabbit DARPP32 Polyclonal Antibody | anti-PPP1R1B antibody

Anti-DARPP32 (pT34) Phospho Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA261350	Rabbit	Human, Mouse, Bovine, Pig	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

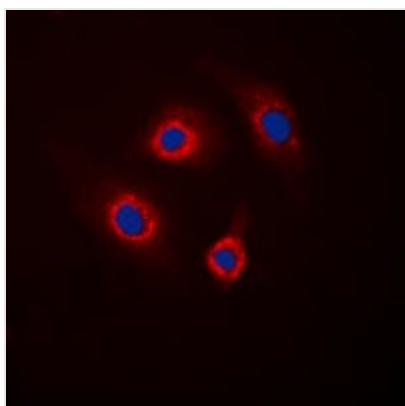
PRODUCT SYNONYMS

DARPP32; Polyclonal Antibody; Anti-DARPP32 (pT34) Phospho Antibody; Protein phosphatase 1 regulatory subunit 1B; DARPP-32; Dopamine- and cAMP-regulated neuronal phosphoprotein; anti-PPP1R1B antibody

PRODUCT SPECIFICATIONS

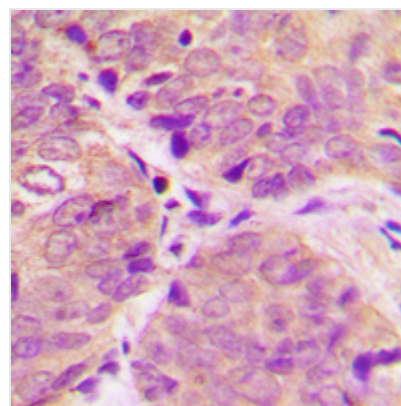
Host	Rabbit
Reactivity	Human, Mouse, Bovine, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of DARPP32 (pT34) protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	204
Applicable Applications for anti-PPP1R1B antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DARPP32 (pT34). The exact sequence is proprietary.
Preparation and Storage	Shipped and store at 4 degree C for one year. Do not freeze.

IMAGES



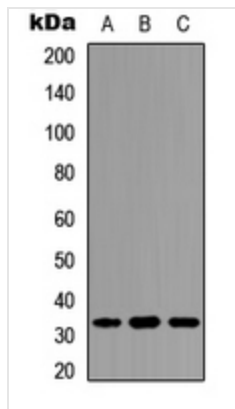
IF (Immunofluorescence)

Immunofluorescent analysis of DARPP32 (pT34) staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of DARPP32 (pT34) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of DARPP32 (pT34) expression in human brain (A), NIH3T3 (B), rat muscle (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R1B antibody

Rabbit polyclonal antibody to DARPP32 (pT34)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23831292
NCBI GeneID	84152
UniProt Accession #	Q9UD71; Q547V9; Q547W0; Q9H7G1
Molecular Weight	18,738 Da
NCBI Official Full Name	Protein phosphatase 1 regulatory subunit 1B
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/darpp32-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261350>