# antibodies -online.com







# anti-DARPP32 antibody (pThr34)



# **Images**



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Quantity:	100 μL
Target:	DARPP32 (PPP1R1B)
Binding Specificity:	pThr34
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DARPP32 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

#### **Product Details**

Immunogen:	A synthesized peptide derived from human DARPP32 around the phosphorylation site of Thr34.
Isotype:	IgG
Specificity:	Phospho-DARPP32 (Thr34) Antibody detects endogenous levels of DARPP32 only when phosphorylated at Threonine 34.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.

### **Target Details**

Target: DARPP32 (PPP1R1B)
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# **Target Details**

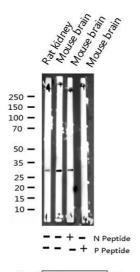
Alternative Name:	PPP1R1B (PPP1R1B Products)
Background:	Description: Inhibitor of protein-phosphatase 1.  Gene: PPP1R1B
Molecular Weight:	32kDa
Gene ID:	84152
UniProt:	Q9UD71

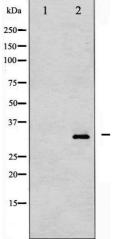
## **Application Details**

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

# Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



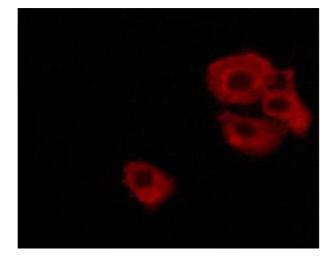


#### **Western Blotting**

**Image 1.** Western blot analysis of Phospho-DARPP-32 (Thr34) expression in various lysates

#### **Western Blotting**

**Image 2.** Western blot analysis of DARPP-32 phosphorylation expression in PMA treated NIH-3T3 whole cell lysates,The lane on the left is treated with the antigenspecific peptide.



#### Immunofluorescence (fixed cells)

**Image 3.** ABIN6267697 staining MKN-45 cells treated with Forskolin 30  $\mu$ M, 20 min by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/400 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.

Please check the product details page for more images. Overall 5 images are available for ABIN6255670.