

# DARPP-32 (phospho Thr34) antibody

**Cat. No. GTX00802**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, ELISA
<b>Reactivity</b>	Human, Mouse, Rat

**Package**  
100 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:2000
ICC/IF	1:100-1:500
IHC-P	1:50-1:200
ELISA	Assay dependent

Not tested in other applications.

**Calculated MW** 23 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 150mM NaCl, 50% Glycerol
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	A synthesized peptide derived from human DARPP-32 around the phosphorylation site of Thr34.
<b>Purification</b>	Purified by sequential chromatography on phospho-peptide and non-phospho-peptide columns From serum
<b>Conjugation</b>	Unconjugated

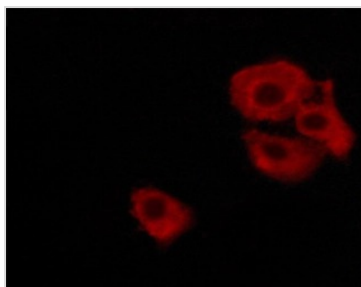


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**Note**

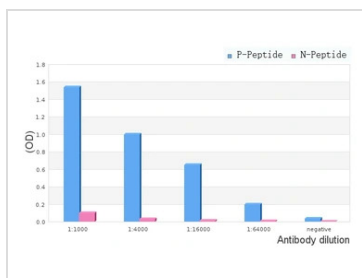
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**DATA IMAGES**

**GTX00802 ICC/IF Image**

ICC/IF analysis of PFA-fixed MKN-45 cells treated with 30  $\mu$ M Forskolin for 20 min using GTX00802 DARPP-32 (phospho Thr34) antibody.

Permeabilization : 0.1% saponin

Dilution : 1:400

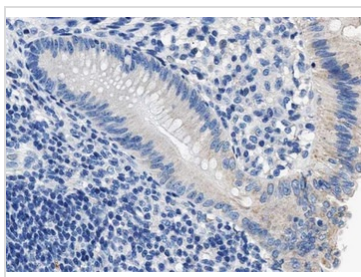

**GTX00802 ELISA Image**

ELISA analysis of phospho- and non phospho- immunogen peptide using GTX00802 DARPP-32 (phospho Thr34) antibody.

P-peptide : phospho-peptide

N-peptide : non-phospho-peptide

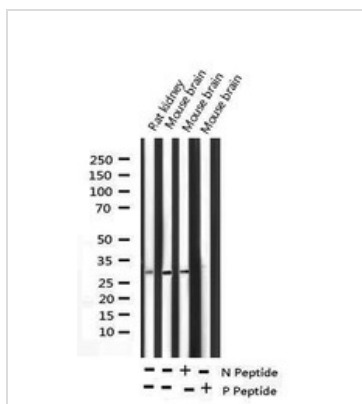
Peptides concentration : 1 $\mu$ g/ml


**GTX00802 IHC-P Image**

IHC-P analysis of human colon cancer tissue sections using GTX00802 DARPP-32 (phospho Thr34) antibody.

Antigen retrieval : Heat mediated antigen retrieval step in citrate buffer

Dilution : 1:100


**GTX00802 WB Image**

WB analysis of rat kidney and mouse brain tissue lysates using GTX00802 DARPP-32 (phospho Thr34) antibody pre-incubated with phospho- or non-phospho- peptide.

P-peptide : phospho-peptide

N-peptide : non-phospho-peptide



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