



## DARPP-32 (Ab-34) Antibody

#22185

**Catalog Number:** 22185-1, 22185-2

**Amount:** 50µg/50µl, 100µg/100µl

**Swiss-Prot No. :** Q9UD71

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized non-phosphopeptide derived from Human DARPP-32 around the phosphorylation site of threonine 34

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Specificity/Sensitivity:** DARPP-32 (Ab-34) Antibody detects endogenous levels of total DARPP-32 protein

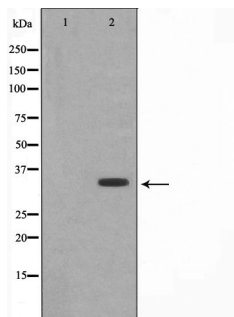
**Reactivity:** Human, Mouse, Rat

### Applications:

Predicted MW: 32 kd

WB: 1:500~1:1000

IHC: 1:50~1:200



Western blot analysis of DARPP-32 expression in EGF treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

### 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.