



Opioid Receptor (Ab-375) Antibody

#21313

Catalog Number: 21313-1, 21313-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : P42866

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), 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 Opioid Receptor around the phosphorylation site of serine 375 (H-P-S_P-T-A).

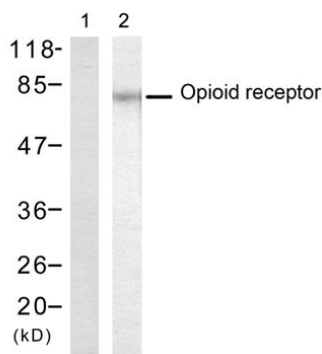
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Specificity/Sensitivity: Opioid Receptor (Ab-375) antibody detects endogenous levels of total Opioid receptor protein

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 70-90 kd WB :1:500~1:1000



Western blot analysis of extract from PC12 cells, using Opioid Receptor (Ab-375) antibody (#21313, Lane 1 and 2).

Peptide + -

Background :

Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance.
Receptor for beta-endorphin

References:

Rodríguez-Muñoz M, et al. (2007) RGS14 prevents morphine from internalizing Mu-opioid receptors in periaqueductal gray neurons. *Cell Signal* 19, 2558-71