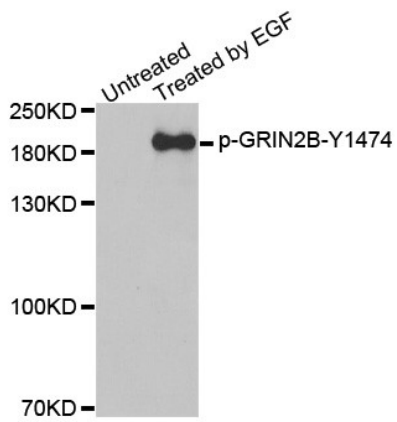
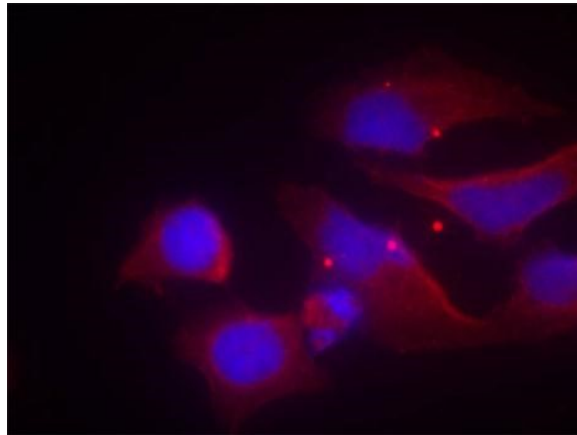

Product name:	Phospho-NMDA2B-Y1474
Cat number:	ABP-0357
Conjugate:	Unconjugated
Size:	100 ug
Clone:	Poly
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y1474 of human NMDAR 2B
Reactivity:	Hu, Ms, Rt
Applications:	Western Blot: 1:1000 Immunofluorescence : 1:100-1:200
Molecular Weight:	190kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, NMDAR 2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain.



Western blot analysis of extracts from A431 cells, using Phospho-NMDAR 2B-Y1474 antibody.



Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-NMDAR 2B-Y1474 antibody.