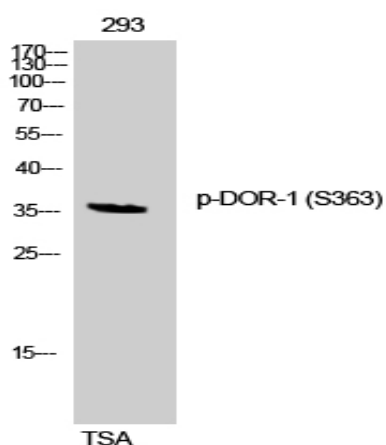


**DOR-1 (phospho Ser363) Polyclonal Antibody**

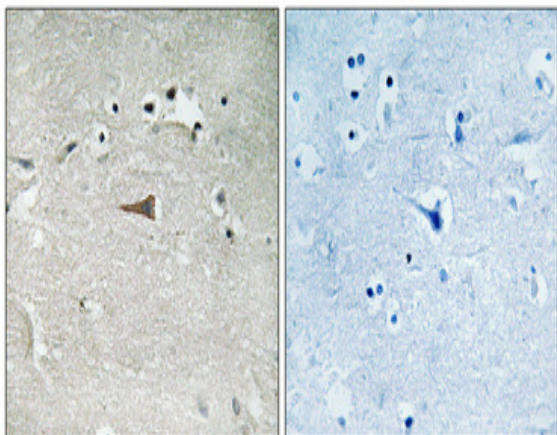
<b>Catalog No :</b>	YP0626
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	DOR-1
<b>Fields :</b>	>>cGMP-PKG signaling pathway;>>Sphingolipid signaling pathway;>>Neuroactive ligand-receptor interaction
<b>Gene Name :</b>	OPRD1
<b>Protein Name :</b>	Delta-type opioid receptor
<b>Human Gene Id :</b>	4985
<b>Human Swiss Prot No :</b>	P41143
<b>Mouse Gene Id :</b>	18386
<b>Mouse Swiss Prot No :</b>	P32300
<b>Rat Gene Id :</b>	24613
<b>Rat Swiss Prot No :</b>	P33533
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human Opioid Receptor-delta around the phosphorylation site of Ser363. AA range:323-372
<b>Specificity :</b>	Phospho-DOR-1 (S363) Polyclonal Antibody detects endogenous levels of DOR-1 protein only when phosphorylated at S363.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG

<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	36kD
<b>Cell Pathway :</b>	Neuroactive ligand-receptor interaction;
<b>Background :</b>	function:Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance. Highly stereoselective. receptor for enkephalins.,online information:Delta opioid receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with GPRASP1.,
<b>Function :</b>	function:Inhibits neurotransmitter release by reducing calcium ion currents and increasing potassium ion conductance. Highly stereoselective. receptor for enkephalins.,online information:Delta opioid receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,subunit:Interacts with GPRASP1.,
<b>Subcellular Location :</b>	Cell membrane ; Multi-pass membrane protein .
<b>Expression :</b>	Detected in oocytes (at protein level). Detected in brain cortex, hypothalamus, hippocampus and olfactory bulb. Detected in oocytes.

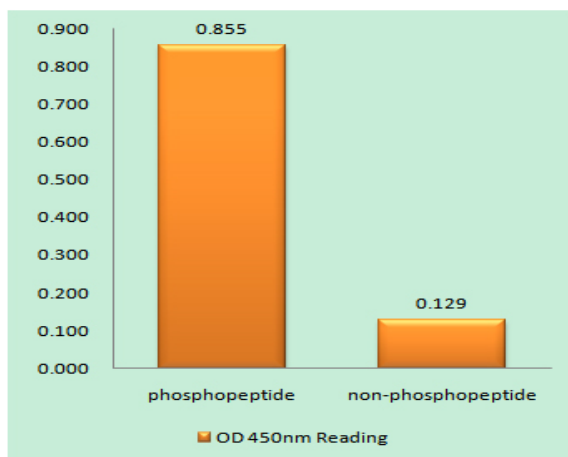
## Products Images



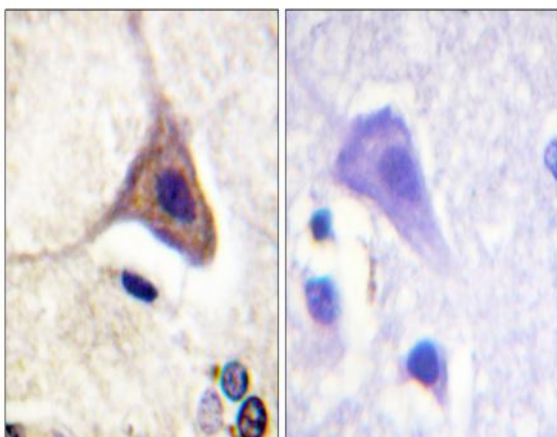
Western Blot analysis of 293 cells using Phospho-DOR-1 (S363) Polyclonal Antibody



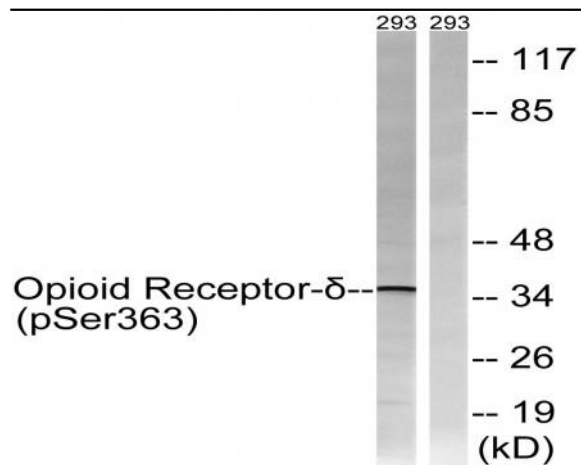
Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using Opioid Receptor-delta (Phospho-Ser363) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using Opioid Receptor-delta (Phospho-Ser363) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from 293 cells treated with TSA 400nM 24h, using Opioid Receptor-delta (Phospho-Ser363) Antibody. The lane on the right is blocked with the phospho peptide.