

DOR-1 (phospho Ser363) Polyclonal Antibody

Catalog No: YP0626

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: DOR-1

Fields: >>cGMP-PKG signaling pathway;>>Sphingolipid signaling

pathway;>>Neuroactive ligand-receptor interaction

Gene Name: OPRD1

Protein Name: Delta-type opioid receptor

P41143

P32300

Human Gene Id: 4985

Human Swiss Prot

No:

Mouse Gene Id: 18386

Mouse Swiss Prot

No:

Rat Gene Id: 24613

Rat Swiss Prot No: P33533

Immunogen: The antiserum was produced against synthesized peptide derived from human

Opioid Receptor-delta around the phosphorylation site of Ser363. AA

range:323-372

Specificity: Phospho-DOR-1 (S363) Polyclonal Antibody detects endogenous levels of

DOR-1 protein only when phosphorylated at S363.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

1/4



Dilution: WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 36kD

Cell Pathway: Neuroactive ligand-receptor interaction;

Background: 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.,

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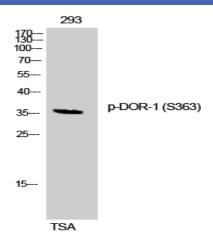
Subcellular Location:

Cell membrane ; Multi-pass membrane protein .

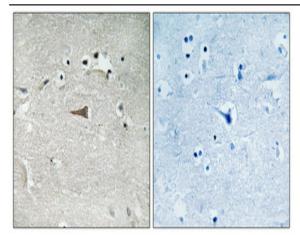
Expression: Detected in oocytes (at protein level). Detected in brain cortex, hypothalamus,

hippocampus and olfactory bulb. Detected in oocytes.

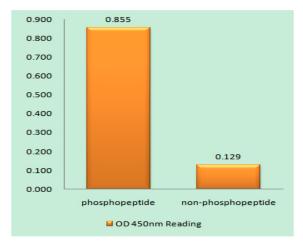
Products Images



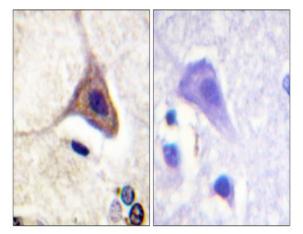
Western Blot analysis of 293 cells using Phospho-DOR-1 (S363) Polyclonal Antibody



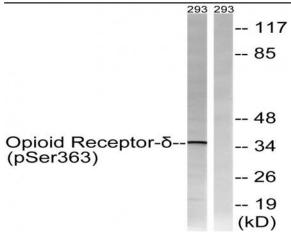
Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



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.