



# DOR-1 Polyclonal Antibody

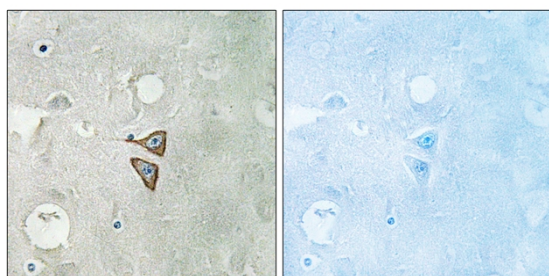
<b>Catalog No</b>	YP-Ab-12714
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat;Monkey
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	OPRD1
<b>Protein Name</b>	Delta-type opioid receptor
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human Opioid Receptor-delta. AA range:323-372
<b>Specificity</b>	DOR-1 Polyclonal Antibody detects endogenous levels of DOR-1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	OPRD1; OPRD; Delta-type opioid receptor; D-OR-1; DOR-1
<b>Observed Band</b>	40kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein .
<b>Tissue Specificity</b>	Detected in oocytes (at protein level). Detected in brain cortex, hypothalamus, hippocampus and olfactory bulb. Detected in oocytes.
<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>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>matters needing attention</b>	Avoid repeated freezing and thawing!



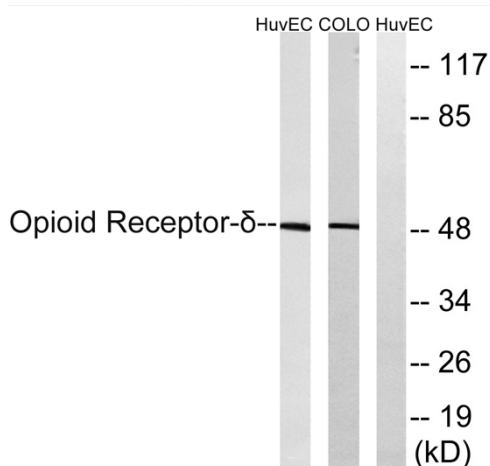
## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Opioid Receptor-delta Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC and COLO205 cells, using Opioid Receptor-delta Antibody. The lane on the right is blocked with the synthesized peptide.