

Rabbit OPRD1 / Delta Opioid Receptor Polyclonal Antibody | anti-OPRD1 antibody

Rabbit Polyclonal to Human OPRD1 / Delta Opioid Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51272	Rabbit	Gorilla, Human Predicted Reactivity: Monkey, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

OPRD1 / Delta Opioid Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human OPRD1 / Delta Opioid Receptor; Anti-OPRD1 / Delta Opioid Receptor Antibody (N-Terminus) IHC-plus; OPRD1; D-OR-1; Delta-type opioid receptor; Delta opioid receptor; Delta opiate receptor; Delta opioid receptor 1; Delta-1 opioid receptor; Opioid delta receptor; DOR-1; Opioid receptor; delta 1; OPRD; Human OPRD1; Delta Opioid Receptor; anti-OPRD1 antibody

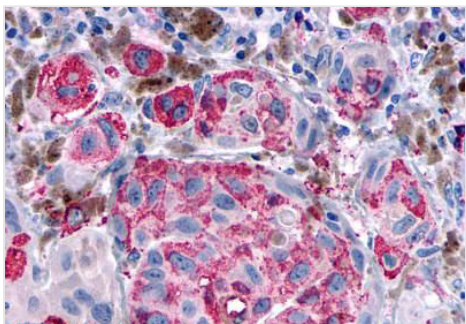
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human Predicted Reactivity: Monkey, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human Delta Opioid Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	372
Applicable Applications for anti-OPRD1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from N-terminal extracellular domain of human Delta Opioid Receptor. Percent identity with other species by BLAST analysis: Gorilla (100%); Human, Monkey, Marmoset, Elephant, Rabbit (94%).
Immunogen Type	Synthetic peptide
Immunogen	OPRD1 / Delta Opioid Receptor antibody was raised against synthetic 17 amino acid peptide from N-terminal extracellular domain of human Delta Opioid Receptor. Percent identity with other species by BLAST analysis: Gorilla (100%); Human, Monkey, Marmoset, Elephant, Rabbit (94%); Mouse, Dog, Bovine, Panda, Horse (88%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

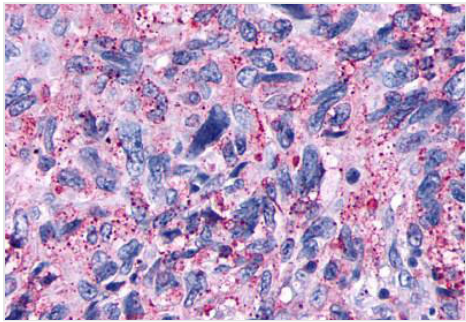
IMAGES



IHC (Immunohistochemistry)
Anti-Delta Opioid Receptor antibody IHC of human brain, neurons and glia.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-OPRD1 / Delta Opioid Receptor antibody IHC of human Skin, Melanoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-OPRD1 / Delta Opioid Receptor antibody IHC of human Brain, Glioblastoma.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-OPRD1 antibody	OPRD1 is an Opioid Receptor that is involved in the control of anxiety, depression, and pain. It is a promising target in the therapy of mood-altering disorders and drug addiction. Delta and kappa opioid receptors function synergistically by forming heterodimers.
Product Categories/Family for anti-OPRD1 antibody	Family: GPCR; Subfamily: Opioid

NCBI AND UNIPROT INFORMATION

NCBI GI #	63477962
NCBI GeneID	4985
NCBI Accession #	NP_000902.3
NCBI GenBank Nucleotide #	NM_000911.3
UniProt Accession #	P41143; B5B0B8
Molecular Weight	40,369 Da
NCBI Official Full Name	delta-type opioid receptor
NCBI Official Synonym Full Names	opiod receptor, delta 1
NCBI Official Symbol	OPRD1
NCBI Official Synonym Symbols	OPRD
NCBI Protein Information	delta-type opioid receptor; DOR-1; D-OR-1; delta opioid receptor 1

UniProt Protein Name	Delta-type opioid receptor
UniProt Gene Name	OPRD1
UniProt Synonym Gene Names	OPRD; D-OR-1; DOR-1
UniProt Entry Name	OPRD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/oprd1-delta-opioid-receptor-antibody-immunohistochemistry-elisa/51272>