

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **OPRD1 RABBIT PAB**

Cat.#: S220502

**Product Name:** Anti-OPRD1 Rabbit Polyclonal Antibody

Synonyms: OPRD

UNIPROT ID: P41143 (Gene Accession - NP\_000902)

**Background:** The opioid receptor, delta 1, also known as delta opioid receptor or simply delta receptor, abbreviated DOR, is an opioid receptor that has enkephalins as its endogenous ligands. Pharmacological studies and molecular cloning have led to the identification of three different types of opioid receptor, mu-type, delta-type and kappa-type, also designated MOR-1, DOR-1 and KOR-1, respectively. MOR-1 is a receptor for beta-endorphin, DOR-1 is a receptor for

enkephalins, and KOR-1 is a receptor for dynorphins.

Immunogen: Synthetic peptide of human OPRD1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 25-100; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

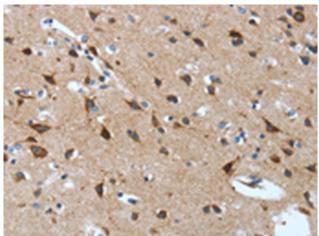
Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

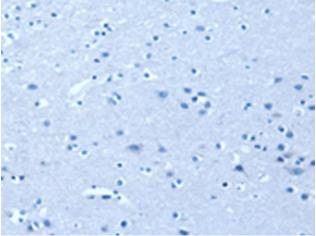


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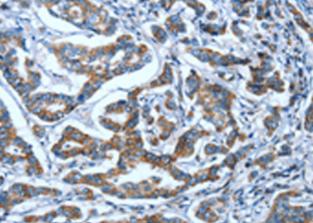
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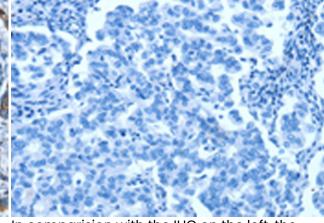
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220502(OPRDI Antibody) at a dilution of 1/15(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220502(Anti-OPRD) Antibody) at dilution 1/15.



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using cancer tissue is first treated with synthetic 220502(Anti-OPRDI Antibody) at a dilution of 1/15.



In comparision with the IHC on the left, the same paraffin-embedded Human breast peptide and then with D261616(Anti-OPRDI Antibody) at dilution 1/15.