

## Opioid Receptor-delta Antibody | anti-OPRD antibody

Opioid Receptor-delta (Phospho-Ser363) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA112152</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

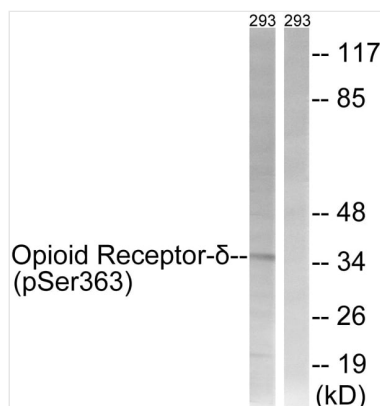
### PRODUCT SYNONYMS

Opioid Receptor-delta; Opioid Receptor-delta (Phospho-Ser363) Antibody; Delta-opioid receptor; Delta-type opioid receptor; K56; MSL-2; OPRD1; Opioid receptor delta; anti-OPRD antibody

### PRODUCT SPECIFICATIONS

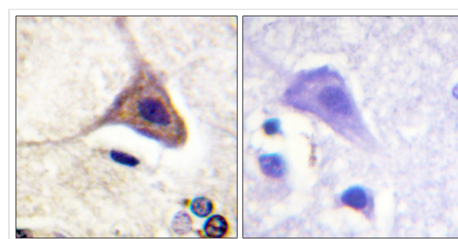
|                                                |                                                                                                                                                                                                                                                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                    | Opioid Receptor-delta (Phospho-Ser363) antibody detects endogenous levels of Opioid Receptor-delta only when phosphorylated at serine 363.                                                                                                          |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                    | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                             |
| Sequence Length                                | 372                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-OPRD antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                |
| Immunogen                                      | The antiserum was produced against synthesized phosphopeptide derived from human Opioid Receptor-delta around the phosphorylation site of serine 363 (T-P-SP-D-G).                                                                                  |
| All Sites                                      | Human: Ser363<br>Mouse: Ser363<br>Rat: Ser363                                                                                                                                                                                                       |
| Preparation and Storage                        | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Opioid Receptor-delta (Phospho-Ser363) antibody. Western blot analysis of extracts from 293 cells, treated with TSA (400nM, 24hours), using Opioid Receptor-delta (Phospho-Ser363) antibody.



Application Data  
P-peptide-+

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                   |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-OPRD antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                       | Simonin F., J. Neurochem. 89:766-775(2004). Gelernter J., Hum. Genet. 107:86-88(2000). Decaillot F.M., Nat. Struct. Biol. 10:629-636(2003).                                                                       |

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 | opioid receptor delta 1    |
| NCBI Official Symbol             | OPRD1                      |
| NCBI Official Synonym Symbols    | OPRD                       |
| NCBI Protein Information         | delta-type opioid receptor |
| UniProt Protein Name             | Delta-type opioid receptor |
| UniProt Gene Name                | OPRD1                      |
| UniProt Synonym Gene Names       | OPRD; D-OR-1; DOR-1        |

**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/oprd-human-mouse-rat-antibody/opioid-receptor-delta/112152>