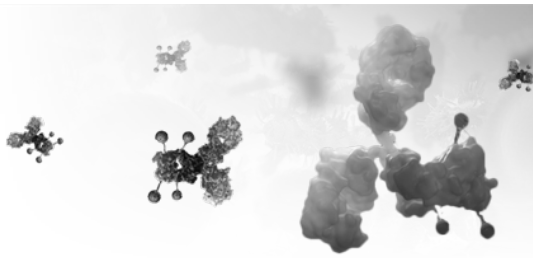

# Anti-PRKD2 (C-terminal) polyclonal antibody (DPABH-10390)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

| | |
|---|---|
| **Antigen Description** | Converts transient diacylglycerol (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress. |
| **Specificity** | DPABH-10390 detects endogenous levels of total Protein Kinase D2 protein. |
| **Immunogen** | Synthetic peptide conjugated to KLH, from the C terminus of Human Protein Kinase D2 (NP_057541.2). |
| **Isotype** | IgG |
| **Source/Host** | Rabbit |
| **Species Reactivity** | Mouse, Human |
| **Purification** | Protein A purified |
| **Conjugate** | Unconjugated |
| **Applications** | WB, ELISA, IHC-P |
| **Format** | Liquid |
| **Size** | 50 µg |
| **Buffer** | pH: 7.40; Constituents: 49% PBS, 0.88% Sodium chloride, 50% GlycerolNote: PBS without Mg2+, Ca2+ |
| **Preservative** | 0.02% Sodium Azide |
| **Storage** | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |

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# GENE INFORMATION

| | |
|---|---|
| **Gene Name** | PRKD2 protein kinase D3 [ Homo sapiens ] |
| **Official Symbol** | PRKD2 |
| **Synonyms** | PRKD2; protein kinase D2; PKD2; HSPC187; nPKC-D2; serine/threonine-protein kinase D2; |
| **Entrez Gene ID** | 25865 |
| **Protein Refseq** | NP_001073349.1 |
| **UniProt ID** | Q9BZL6 |
| **Pathway** | Rap1 signaling pathway; |
| **Function** | ATP binding; metal ion binding; protein binding; protein kinase C activity |

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