

## Rabbit PGD2 synthase Polyclonal Antibody | anti-PGD2 antibody

Rabbit anti-PGD2 synthase Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                       |
|-----------|--------|-------------------|------------------------------------|
| AAA222009 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot |

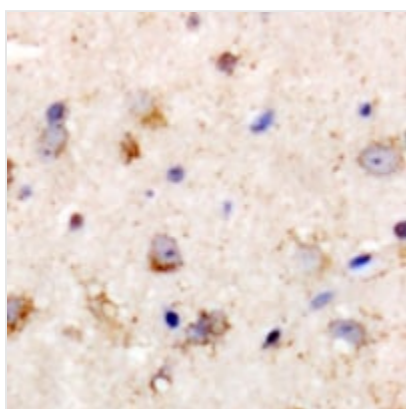
### PRODUCT SYNONYMS

PGD2 synthase; Polyclonal Antibody; Rabbit anti-PGD2 synthase Antibody; PDS; Prostaglandin-H2 D-isomerase; Beta-trace protein; Cerebrin-28; Glutathione-independent PGD synthase; Lipocalin-type prostaglandin-D synthase; Prostaglandin-D2 synthase; PGDS; PGDS2; anti-PGD2 antibody

### PRODUCT SPECIFICATIONS

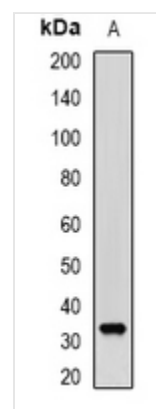
|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                                         |
| Clonality                                      | Polyclonal                                                                                                |
| Purity/Purification                            | The antibody was purified by immunogen affinity chromatography.                                           |
| Form/Format                                    | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Concentration                                  | 1mg/mL (varies by lot)                                                                                    |
| Applicable Applications for anti-PGD2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                             |
| Immunogen                                      | Recombinant full length protein of human PGD2 synthase                                                    |
| Preparation and Storage                        | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                 |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PGD2 synthase staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of PGD2 synthase expression in mouse heart (A) whole cell lysates.

ADDITIONAL INFORMATION

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Product Categories/Family for anti-PGD2 antibody | Primary antibodies |
|--------------------------------------------------|--------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 32171249                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 5730                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_000945.3                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_000954.5                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P41222; O09114; P22057                                                                                                                                                                                                                                          |
| Molecular Weight                 | 21,029 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | prostaglandin-H2 D-isomerase                                                                                                                                                                                                                                    |
| NCBI Official Synonym Full Names | prostaglandin D2 synthase 21kDa (brain)                                                                                                                                                                                                                         |
| NCBI Official Symbol             | PTGDS                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | PDS; PGD2; PGDS; LPGDS; PGDS2; L-PGDS                                                                                                                                                                                                                           |
| NCBI Protein Information         | prostaglandin-H2 D-isomerase; cerebrin-28; PGD2 synthase; beta-trace protein; prostaglandin D synthase; prostaglandin-D2 synthase; glutathione-independent PGD synthase; glutathione-independent PGD synthetase; lipocalin-type prostaglandin D synthase; lipoc |
| UniProt Protein Name             | Prostaglandin-H2 D-isomerase                                                                                                                                                                                                                                    |
| UniProt Gene Name                | PTGDS                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | PDS; PGD2 synthase; PGDS; PGDS2                                                                                                                                                                                                                                 |
| UniProt Entry Name               | PTGDS_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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