

Anti-Prostaglandin D2 Receptor Antibody (N-Terminus)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17524**Specification**

Anti-Prostaglandin D2 Receptor Antibody (N-Terminus) - Product Information

Application	IHC-P
Primary Accession	Q13258
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40271

Anti-Prostaglandin D2 Receptor Antibody (N-Terminus) - Additional Information**Gene ID 5729**

Alias Symbol	PTGDR
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Other Names

PTGDR, DP, Dp receptor, PGD receptor, Prostaglandin D2 receptor (DP), Prostanoid DP receptor, PTGDR1, PGD2 receptor, Prostaglandin DP receptor, AS1, ASRT1, Dp prostanoid receptor, DP1, Prostaglandin D2 receptor

Target/Specificity

Human Prostaglandin D2 Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-Prostaglandin D2 Receptor Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Prostaglandin D2 Receptor Antibody (N-Terminus) - Protein Information

Name PTGDR

Function

Receptor for prostaglandin D2 (PGD2). The activity of this receptor is mainly mediated by G(s) proteins that stimulate adenylate cyclase, resulting in an elevation of intracellular cAMP. A mobilization of calcium is also observed, but without formation of inositol 1,4,5-trisphosphate (By similarity). Involved in PLA2G3- dependent maturation of mast cells. PLA2G3 is secreted by immature mast cells and acts on nearby fibroblasts upstream to PTDGS to synthesize PGD2, which in turn promotes mast cell maturation and degranulation via PTGDR (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed in retinal choroid, ciliary epithelium, longitudinal and circular ciliary muscles, iris, small intestine and platelet membranes.

Anti-Prostaglandin D2 Receptor Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Prostaglandin D2 Receptor Antibody (N-Terminus) - Images