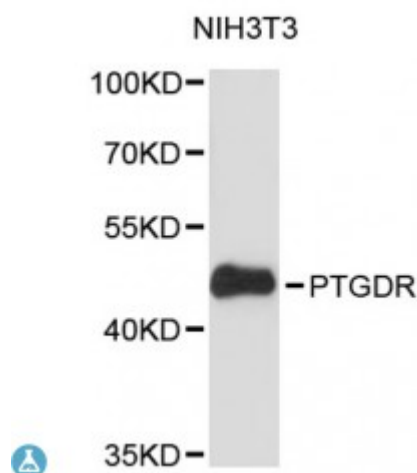


Anti-PTGDR Antibody



Description

This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein is reported to be a receptor for prostaglandin D₂, which is a mediator of allergic inflammation and allergic airway inflammation in asthma. Alternative splicing results in multiple transcript variants.

Model	STJ114743
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 220-359 of human PTGDR (NP_000944.1).
Gene ID	5729
Gene Symbol	PTGDR
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in retinal choroid, ciliary epithelium, longitudinal and circular ciliary muscles, iris, small intestine and platelet membranes
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Prostaglandin D ₂ receptor PGD receptor PGD ₂ receptor Prostanoid DP receptor

Molecular Weight	40.271 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9591OMIM:604687Reactome:R-HSA-391908
Alternative Names	Prostaglandin D2 receptor PGD receptor PGD2 receptor Prostanoid DP receptor
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 ,
Cellular Localization	Cell membrane

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