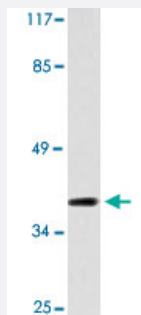


PTGDR polyclonal antibody

Catalog # PAB25127 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with PTGDR polyclonal antibody (Cat # PAB25127).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PTGDR.
Immunogen	A synthetic peptide corresponding to PTGDR.
Host	Rabbit
Theoretical MW (kDa)	40
Reactivity	Human
Specificity	PTGDR polyclonal antibody detects endogenous levels of PTGDR protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with PTGDR polyclonal antibody (Cat # PAB25127).

- Immunofluorescence

Gene Info — PTGDR

Entrez GeneID[5729](#)**Gene Name**

PTGDR

Gene Alias

AS1, ASRT1, DP, DP1, MGC49004

Gene Description

prostaglandin D2 receptor (DP)

Omim ID[604687 607277](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a G-protein-coupled receptor. It has been shown to function as a prostanoid DP receptor. The activity of this receptor is mainly mediated by G-S proteins that stimulate adenylate cyclase resulting in an elevation of intracellular cAMP and Ca²⁺. Knockout studies in mice suggest that the ligand of this receptor, prostaglandin D2 (PGD₂), functions as a mast cell-derived mediator to trigger asthmatic responses. [provided by RefSeq]

Other Designations

PGD receptor|prostaglandin D2 receptor|prostanoid DP receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypersensitivity](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Premature Birth](#)
- [Respiratory Sounds](#)
- [Rhinitis](#)
- [Tobacco Use Disorder](#)