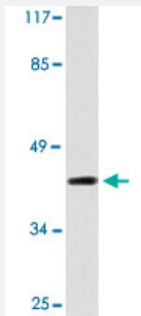


PTGIR polyclonal antibody

Catalog # PAB25121 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of K-562 cell lysate with PTGIR polyclonal antibody (Cat # PAB25121).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PTGIR.
Immunogen	A synthetic peptide corresponding to PTGIR.
Host	Rabbit
Theoretical MW (kDa)	45
Reactivity	Human
Specificity	PTGIR polyclonal antibody detects endogenous levels of PTGIR 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 K-562 cell lysate with PTGIR polyclonal antibody (Cat # PAB25121).

- Immunofluorescence

Gene Info — PTGIR

Entrez GeneID[5739](#)**Gene Name**

PTGIR

Gene Alias

IP, MGC102830, PRIPR

Gene Description

prostaglandin I2 (prostacyclin) receptor (IP)

Omim ID[600022](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a member of the G-protein coupled receptor family 1 and has been shown to be a receptor for prostacyclin. Prostacyclin, the major product of cyclooxygenase in macrovascular endothelium, elicits a potent vasodilation and inhibition of platelet aggregation through binding to this receptor. [provided by RefSeq]

Other Designations

PGI receptor|prostacyclin receptor|prostanoid IP receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hyperplasia](#)
- [Metabolic Syndrome X](#)
- [NARP](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Venous Thrombosis](#)