

ARG56490 anti-IP Receptor antibody

Package: 250 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Polyclonal antibody recognizes IP Receptor |
| Tested Reactivity | Ms |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | IP Receptor |
| Species | Mouse |
| Immunogen | Synthetic peptide around the N-terminus of Mouse IP Receptor. |
| Conjugation | Un-conjugated |
| Alternate Names | PRIPR; Prostaglandin I2 receptor; IP; Prostacyclin receptor; Prostanoid IP receptor; PGI2 receptor; PGI receptor |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|----------|
| | WB | 1:200 |

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purification with immunogen. |
| Buffer | TBS (pH 7.4), 0.02% Sodium azide, 50% Glycerol and 0.1% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol and 0.1% BSA |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

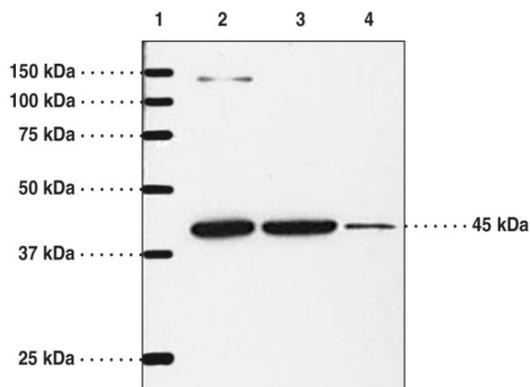
Bioinformation

Database links [GeneID: 19222 Mouse](#)

[Swiss-port # P43252 Mouse](#)

| | |
|----------------|---|
| Gene Symbol | Ptgir |
| Gene Full Name | prostaglandin I receptor (IP) |
| Background | 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, Jul 2008] |
| Function | Receptor for prostacyclin (prostaglandin I ₂ or PGI ₂). The activity of this receptor is mediated by G(s) proteins which activate adenylate cyclase. [UniProt] |
| Calculated Mw | 41 kDa |
| PTM | Palmitoylation of either Cys-308 or Cys-311 is sufficient to maintain functional coupling to G(s) and signaling. Isoprenylation does not influence ligand binding but is required for efficient coupling to the effectors adenylate cyclase and phospholipase C. |

Images



ARG56490 anti-IP Receptor antibody WB image

Western blot: 1) Precision Plus Protein Standard, 2) 50 µg of HEK 293T cell lysate, 3) 35 µg of DLD1 cell lysate, and 4) 50 µg of A549 cell lysate stained with ARG56490 anti-IP Receptor antibody.