

Product datasheet for **TA323517S**

EP1 (PTGER1) Rabbit Polyclonal Antibody

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 200-1000 WB positive control: Jurkat cells |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide corresponding to a region derived from 399-402 amino acids of Human prostaglandin E receptor 1 (subtype EP1), 42kDa |
| Formulation: | PBS pH7.3, 0.05% NaN ₃ , 50% glycerol |
| Purification: | Antigen affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 42 kDa |
| Gene Name: | prostaglandin E receptor 1 |
| Database Link: | NP_000946 Entrez Gene 19216 Mouse Entrez Gene 25637 Rat Entrez Gene 5731 Human P34995 |
| Background: | The protein encoded by this gene is a member of the G protein-coupled receptor family. This protein is one of four receptors identified for prostaglandin E ₂ (PGE ₂). Through a phosphatidylinositol-calcium second messenger system; G-Q proteins mediate this receptor's activity. Knockout studies in mice suggested a role of this receptor in mediating algisia and in regulation of blood pressure. Studies in mice also suggested that this gene may mediate adrenocorticotrophic hormone response to bacterial endotoxin. |
| Synonyms: | EP1 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |



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Protein Pathways: Calcium signaling pathway, Neuroactive ligand-receptor interaction

Product images:



Gel: 10%SDS-PAGE
Lysate: 40 μ g
Lane: Jurkat cells
Primary antibody: [TA323517] (PTGER1 Antibody)
at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 2 minutes