

PTGER1

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 42kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human PTGER1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

EP1;

Catalog #: A2913

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5731

Isotype: IgG

Swiss Prot: P34995

Purity: Affinity purification

For research use only.

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 E2 (PGE2). 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 algesia and in regulation of blood pressure. Studies in mice also suggested that this gene may mediate adrenocorticotrophic hormone response to bacterial endotoxin.

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