

PTGER4

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 53kDa

Observed MW: Refer to figures

Immunogen:

A synthetic peptide of human PTGER4

Storage Buffer:

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

Synonym:

EP4; EP4R;

Catalog #: A2915

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5734

Isotype: IgG

Swiss Prot: P35408

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). This receptor can activate T-cell factor signaling. It has been shown to mediate PGE2 induced expression of early growth response 1 (EGR1), regulate the level and stability of cyclooxygenase-2 mRNA, and lead to the phosphorylation of glycogen synthase kinase-3. Knockout studies in mice suggest that this receptor may be involved in the neonatal adaptation of circulatory system, osteoporosis, as well as initiation of skin immune responses.

To place an order, please [Click HERE](#).