

PTGER2

Reactivity: Human

Tested applications: WB IF

Recommended Dilution: WB 1:500 - 1:2000 IF 1:100 - 1:200

Calculated MW: 40kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human PTGER2

Storage Buffer:

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

Synonym:

EP2;

Catalog #: A2914

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5732

Isotype: IgG

Swiss Prot: P43116

Purity: Affinity purification

For research use only.

Background:

This gene encodes a receptor for prostaglandin E2, a metabolite of arachidonic acid which has different biologic activities in a wide range of tissues. Mutations in this gene are associated with aspirin-induced susceptibility to asthma. Prostaglandin E2 receptor (53kDa), also known as EP2, is a prostaglandin receptor for prostaglandin E2. It is encoded by the human gene PTGER2. Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. The subsequent raise in intracellular cAMP is responsible for the relaxing effect of this receptor on smooth muscle.

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