

Anti-Human/Mouse/Rat PTGER2 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03755

3th Edition

Description: 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.

Antigen: Synthesized peptide derived from the C-terminal region of human EP₂

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Placenta and lung.