

Anti-Human/Mouse/Rat PTGER1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA11318

3th Edition

Description: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.

Antigen:Synthetic peptide of human PTGER1

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:Abundant in kidney. Lower level expression in lung, skeletal muscle and spleen, lowest expression in testis and not detected in liver brain and heart.