

Anti-Human/Mouse/Rat PTGES Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA05566**

3th Edition

Description:The protein encoded by this gene is a glutathione-dependent prostaglandin E synthase. The expression of this gene has been shown to be induced by proinflammatory cytokine interleukin 1 beta (IL1B). Its expression can also be induced by tumor suppressor protein TP53, and may be involved in TP53 induced apoptosis. Knockout studies in mice suggest that this gene may contribute to the pathogenesis of collagen-induced arthritis and mediate acute pain during inflammatory responses. PTGES (Prostaglandin E Synthase) is a Protein Coding gene. Diseases associated with PTGES include Arthritis and Necrotizing Ulcerative Gingivitis. Among its related pathways are Ibuprofen Pathway, Pharmacodynamics and Arachidonic acid metabolism. GO annotations related to this gene include glutathione binding and prostaglandin-E synthase activity. An important paralog of this gene is MGST1.

Antigen:Synthesized peptide derived from the Internal region of human PGE synthase.

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: