## Product Name: PGE synthase Rabbit Polyclonal Antibody Enkilife Catalog #: APRab16030

### **Summary**

**Production Name** PGE synthase Rabbit Polyclonal Antibody

**Description** Rabbit Polyclonal Antibody

Host Rabbit
Application WB,ELISA

**Reactivity** Human, Mouse, Rat

### **Performance**

ConjugationUnconjugatedModificationUnmodified

**Isotype** IgG

Clonality Polyclonal Form Liquid

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw Storage

cycles.

**Buffer** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.

**Purification** Affinity purification

### **Immunogen**

Gene Name PTGES

PTGES; MGST1L1; MPGES1; PGES; PIG12; Prostaglandin E synthase; Microsomal

**Alternative Names** glutathione S-transferase 1-like 1; MGST1-L1; Microsomal prostaglandin E synthase 1;

MPGES-1; p53-induced gene 12 protein

**Gene ID** 9536.0

O14684.The antiserum was produced against synthesized peptide derived from human SwissProt ID

PGE synthase. AA range:30-79

### **Application**

**Dilution Ratio** WB 1:500-2000 ELISA 2000-20000

Molecular Weight 17kD



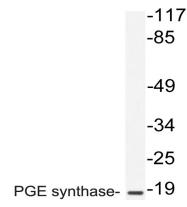
### **Background**

prostaglandin E synthase(PTGES) Homo sapiens 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. [provided by RefSeq, Jul 2008],catalytic activity: (5Z,13E)-(15S)-9-alpha,11-alpha-epidioxy-15-hydroxyprosta-5,13-dienoate = (5Z,13E)-(15S)-11-alpha,15-dihydroxy-9-oxoprosta-5,13-dienoate.,induction:By TP53/p53,similarity:Belongs to the MAPEG family.,subunit:Homotrimer.,

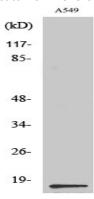
### **Research Area**

Arachidonic acid metabolism;

## **Image Data**



Western blot analysis of lysate from A549 cells, using PGE synthase antibody.



Western Blot analysis of various cells using PGE synthase Polyclonal Antibody diluted at 1: 500

### Note

For research use only.

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