

# PGE receptor EP4 (PTGER4) Rabbit pAb

Catalog No.: A2915 **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

53kDa

### Category

Primary antibody

### Applications

WB

### Cross-Reactivity

Human

## Background

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). This receptor can activate T-cell factor signaling. It has been shown to mediate PGE2 induced expression of early growth response 1 (EGR1), regulate the level and stability of cyclooxygenase-2 mRNA, and lead to the phosphorylation of glycogen synthase kinase-3. Knockout studies in mice suggest that this receptor may be involved in the neonatal adaptation of circulatory system, osteoporosis, as well as initiation of skin immune responses.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

5734

### Swiss Prot

P35408

### Immunogen

A synthetic peptide of human PGE receptor EP4 (PGE receptor EP4 (PTGER4))

### Synonyms

EP4; EP4R; PGE receptor EP4 (PTGER4)

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.