

# EP1 Polyclonal Antibody

Catalog # AP73630

## Specification

## **EP1** Polyclonal Antibody - Product Information

Application	WB
Primary Accession	<u>P34995</u>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

## EP1 Polyclonal Antibody - Additional Information

Gene ID 5731

**Other Names** PTGER1; Prostaglandin E2 receptor EP1 subtype; PGE receptor EP1 subtype; PGE2 receptor EP1 subtype; Prostanoid EP1 receptor

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions** -20°C

### EP1 Polyclonal Antibody - Protein Information

Name PTGER1

#### Function

Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(q) proteins which activate a phosphatidylinositol-calcium second messenger system. May play a role as an important modulator of renal function. Implicated the smooth muscle contractile response to PGE2 in various tissues.

## **Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location** 

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

### **EP1** Polyclonal Antibody - Protocols



Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

# **EP1** Polyclonal Antibody - Images



# EP1 Polyclonal Antibody - Background

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