

Product datasheet

Anti-Prostaglandin E Receptor EP1 antibody ab93479

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Prostaglandin E Receptor EP1 antibody
Description	Rabbit polyclonal to Prostaglandin E Receptor EP1
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat
Immunogen	Synthetic peptide derived from Human Prostaglandin E Receptor EP1.
Positive control	IM-9 and THP1 cell lysates

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	Preservative: 0.02% Sodium Azide Constituents: PBS, pH 7.4
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab93479** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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WB

Application notes WB: 1/1000 - 1/4000. Detects a band of approximately 38 kDa (predicted molecular weight: 42 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

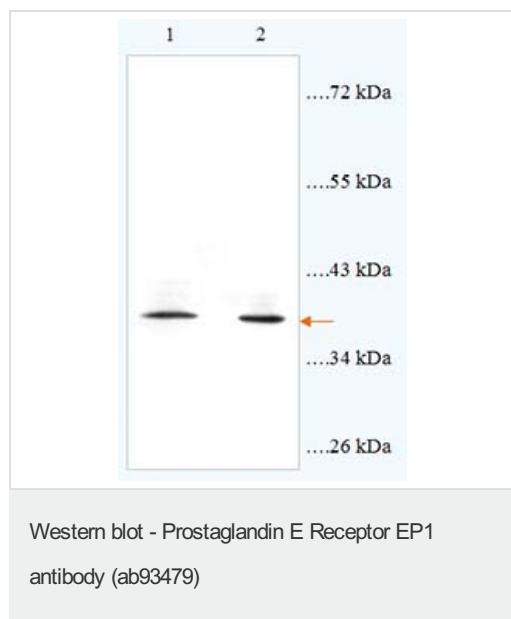
Relevance

PTGER1 is a subtype 1 receptor for prostaglandin E2 (PGE2). This receptor is coupled to the phosphatidylinositol-calcium second messenger system by G(q) proteins. PTGER1 may be an important modulator of renal function and is implicated in the smooth muscle contractile response to PGE2 in various tissues.

Cellular localization

Cell Membrane; multi-pass membrane protein.

Images



All lanes : Anti-Prostaglandin E Receptor EP1 antibody (ab93479) at 1/2000 dilution

Lane 1 : IM-9 cell lysate at 28 µg

Lane 2 : THP1 cell lysate at 52 µg

Predicted band size : 42 kDa

Observed band size : 38 kDa

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