abcam

Product datasheet

Anti-Prostaglandin E Receptor EP2/PTGER2 antibody ab124419

2 References 2 Images

Overview

Product name	Anti-Prostaglandin E Receptor EP2/PTGER2 antibody
Description	Rabbit polyclonal to Prostaglandin E Receptor EP2/PTGER2
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P
Species reactivity	**Reacts with:** Mouse, Human **Predicted to work with:** Rat
Immunogen	Synthetic peptide corresponding to Human Prostaglandin E Receptor EP2/PTGER2 (C terminal).
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.88% Sodium chloride (without Mg2+, Ca2+)
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab124419 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
WB		1/500 - 1/1000. Predicted molecular weight: 40 kDa.
IHC-P		Use a concentration of 5 µg/ml.

Target

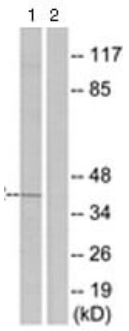
Function Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. The subsequent raise in intracellular cAMP is responsible for the relaxing effect of this receptor on smooth muscle.

Tissue specificity Placenta and lung.

Sequence similarities Belongs to the G-protein coupled receptor 1 family.

Cellular localization Cell membrane.

Images



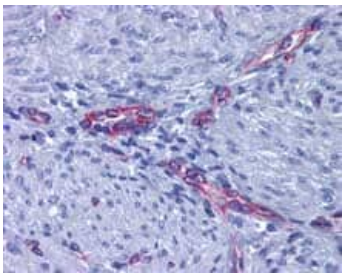
Western blot - Anti-Prostaglandin E Receptor EP2/PTGER2 antibody (ab124419)

All lanes : Anti-Prostaglandin E Receptor EP2/PTGER2 antibody (ab124419) at 1/500 dilution

Lane 1 : Mouse liver cell extract

Lane 2 : Mouse liver cell extract with synthesized peptide

Predicted band size: 40 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Prostaglandin E Receptor EP2/PTGER2 antibody (ab124419)

Staining of Prostaglandin E Receptor EP2/PTGER2 in Paraffin-embedded Human Uterus, Myometrium tissue by Immunohistochemistry using ab124419 at a concentration of 5 µg/ml.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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