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PTGER2 / EP2 Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS10749

Specification

PTGER2 / EP2 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	P43116
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40kDa KDa**

PTGER2 / EP2 Antibody (C-Terminus) - Additional Information

Gene ID 5732

Other Names
Prostaglandin E2 receptor EP2 subtype, PGE receptor EP2 subtype, PGE2 receptor EP2 subtype, Prostanoid EP2 receptor, PTGER2

Target/Specificity
Human EP2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
PTGER2 / EP2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

PTGER2 / EP2 Antibody (C-Terminus) - Protein Information

Name PTGER2

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.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Placenta and lung.

Volume

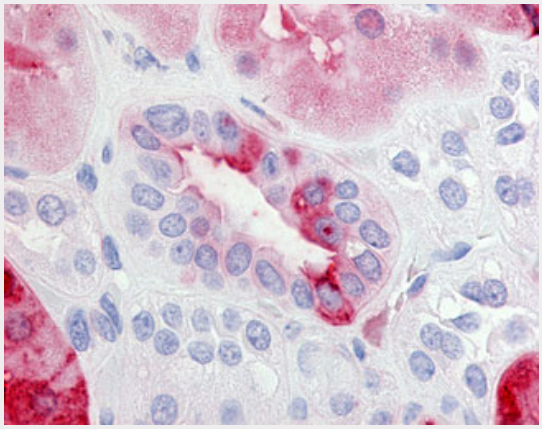
50 µl

PTGER2 / EP2 Antibody (C-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PTGER2 / EP2 Antibody (C-Terminus) - Images



Anti-EP2 antibody ALS10749 IHC of human kidney.

PTGER2 / EP2 Antibody (C-Terminus) - Background

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.

PTGER2 / EP2 Antibody (C-Terminus) - References

Regan J.W.,et al.Mol. Pharmacol. 46:213-220(1994).
Oakley C.J.,et al.Submitted (JAN-1995) to the EMBL/GenBank/DDBJ databases.
Smock S.L.,et al.Gene 237:393-402(1999).
Warren C.N.,et al.Submitted (APR-2003) to the EMBL/GenBank/DDBJ databases.
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