

PTGER2 / EP2 Antibody (aa261-310)
Rabbit Polyclonal Antibody
Catalog # ALS14343**Specification**

PTGER2 / EP2 Antibody (aa261-310) - Product Information

Application	WB, IHC-P, E
Primary Accession	P43116
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

PTGER2 / EP2 Antibody (aa261-310) - 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

PE2R2 Antibody detects endogenous levels of total PE2R2 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

PTGER2 / EP2 Antibody (aa261-310) is for research use only and not for use in diagnostic or therapeutic procedures.

PTGER2 / EP2 Antibody (aa261-310) - 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.

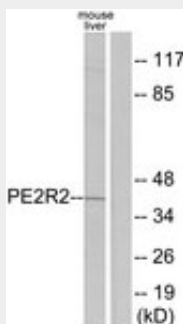
Volume
50 µl

PTGER2 / EP2 Antibody (aa261-310) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PTGER2 / EP2 Antibody (aa261-310) - Images



Western blot of extracts from mouse liver cells, using PE2R2 Antibody.

PTGER2 / EP2 Antibody (aa261-310) - 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 (aa261-310) - 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.
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.