

EP2 Polyclonal Antibody
Catalog # AP69749**Specification**

EP2 Polyclonal Antibody - Product Information

Application	WB, IF
Primary Accession	P43116
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

EP2 Polyclonal Antibody - Additional Information**Gene ID** 5732**Other Names**

PTGER2; Prostaglandin E2 receptor EP2 subtype; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype; Prostanoid EP2 receptor

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

IF~~1:50~200

Format

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

Storage Conditions

-20°C

EP2 Polyclonal Antibody - 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

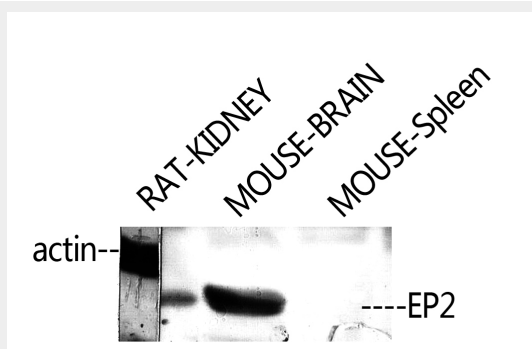
Placenta and lung.

EP2 Polyclonal Antibody - 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](#)

EP2 Polyclonal Antibody - Images



EP2 Polyclonal Antibody - 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.