

EP4 Polyclonal Antibody

Catalog # AP69753

Product Information

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|--------------------------|------------------------|
| Application | WB, IF |
| Primary Accession | P35408 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 53119 |

Additional Information

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|---------------------------|--|
| Gene ID | 5734 |
| Other Names | PTGER4; PTGER2; Prostaglandin E2 receptor EP4 subtype; PGE receptor EP4 subtype; PGE2 receptor EP4 subtype; Prostanoid EP4 receptor |
| Dilution | WB--Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. 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 |

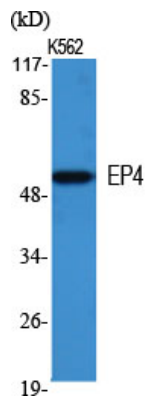
Protein Information

| | |
|--------------------------|---|
| Name | PTGER4 |
| Synonyms | PTGER2 |
| Function | Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. Has a relaxing effect on smooth muscle. May play an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function. |
| Cellular Location | Cell membrane; Multi-pass membrane protein. |
| Tissue Location | High in intestine and in peripheral blood mononuclear cells; low in lung, kidney, thymus, uterus, vasculature and brain. Not found in liver, heart, retina or skeletal muscle |

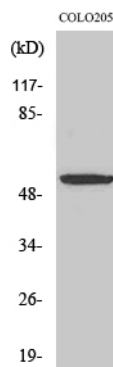
Background

Receptor for prostaglandin E2 (PGE2). The activity of this receptor is mediated by G(s) proteins that stimulate adenylate cyclase. Has a relaxing effect on smooth muscle. May play an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function.

Images



Western Blot analysis of various cells using EP4 Polyclonal Antibody



Western Blot analysis of COLO205 cells using EP4 Polyclonal Antibody

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