



Anti-PTGER2 (extracellular domain) polyclonal antibody (DPABH-05398)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide conjugated to KLH, corresponding to the N terminal extracellular domain of Human Prostaglandin E Receptor EP2 (NP_000947.2).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	50 µg
Buffer	Constituent: 99% PBS
Preservative	0.1% Sodium Azide
Storage	Store at -70°C

GENE INFORMATION

Gene Name	PTGER2 prostaglandin E receptor 2 (subtype EP2), 54kDa [Homo sapiens]
Official Symbol	PTGER2
Synonyms	PTGER2; prostaglandin E receptor 2 (subtype EP2), 53kDa; EP2; prostaglandin E2 receptor EP2 subtype; prostanoid EP2 receptor; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype; prostaglandin E receptor 2 (subtype EP2), 53kD;
Entrez Gene ID	5732
Protein Refseq	NP_000947.2
UniProt ID	P43116
Pathway	Class A/1 (Rhodopsin-like receptors); G alpha (s) signalling events; GPCR ligand binding; Inflammatory mediator regulation of TRP channels
Function	prostaglandin E receptor activity;