

PTGER4 Polyclonal Antibody

Catalog Number PA1-33181

Product data sheet

Details		Species Reactivity	
Size	25 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal		
Type	Antibody	Immunohistochemistry (Paraffin) (IHC (P))	5-10 µg/mL
Immunogen	Synthetic 16 amino acid peptide from1st cytoplasmic domain of human Prostaglandin E Receptor EP1	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

PA1-33181 detects PTGER1 from human samples.

Background/Target Information

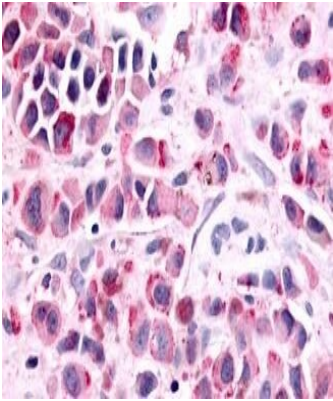
The protein encoded by this gene is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2. This receptor can activate T-cell factor signaling. It has been shown to mediate PGE2 induced expression of early growth response 1, regulate the level and stability of cyclooxygenase-2 mRNA, and lead to the phosphorylation of glycogen synthase kinase-3. Knockout studies in mice suggest that this receptor may be involved in the neonatal adaptation of circulatory system, osteoporosis, as well as initiation of skin immune responses.

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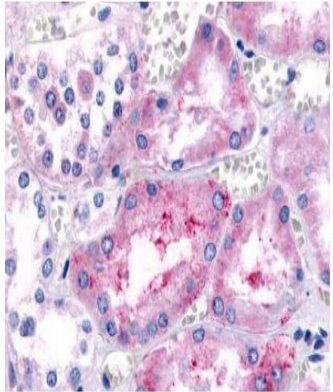
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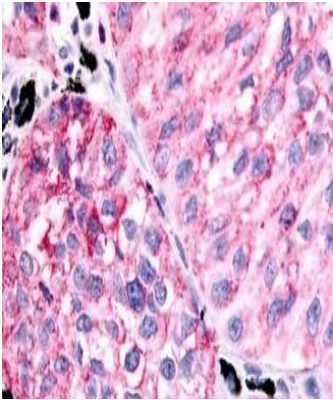
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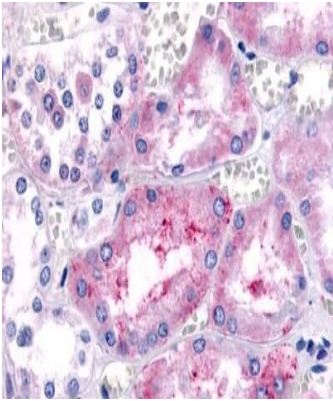
PTGER4 Antibody (PA1-33181) in IHC (P)
Immunohistochemical (Paraffin) analysis of human skin, melanoma tissue using (Product # PA1-33181) PTGER4 Polyclonal Antibody. Antigen retrieval: Heat-induced antigen retrieval.



PTGER4 Antibody (PA1-33181) in IHC (P)
Immunohistochemistry (Paraffin) analysis of PTGER4 in human kidney tissue (renal tubules) using PTGER4 Polyclonal Antibody (Product # PA1-33181). Antigen retrieval : Heat-induced antigen retrieval.



PTGER4 Antibody (PA1-33181) in IHC (P)
Immunohistochemical (Paraffin) analysis of human lung, non-small cell carcinoma tissue using (Product # PA1-33181) PTGER4 Polyclonal Antibody. Antigen retrieval: Heat-induced antigen retrieval.



PTGER4 Antibody (PA1-33181) in IHC (P)
Immunohistochemical (Paraffin) analysis of human kidney, renal tubules tissue using (Product # PA1-33181) PTGER4 Polyclonal Antibody. Antigen retrieval: Heat-induced antigen retrieval.

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