

Rabbit PTGER1 / EP1 Polyclonal Antibody | anti-PTGER1 antibody

Rabbit Polyclonal to Human PTGER1 / EP1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51275	Rabbit	Human Predicted Reactivity: Gorilla, Monkey, Bovine, Dog, Hamster (at least 90% immunogen sequence identity)	Immunohistochemistry

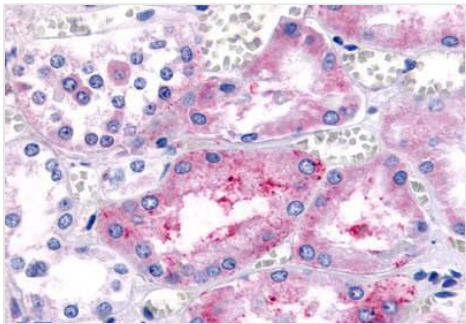
PRODUCT SYNONYMS

PTGER1 / EP1; Polyclonal Antibody; Rabbit Polyclonal to Human PTGER1 / EP1; Anti-PTGER1 / EP1 Antibody (Cytoplasmic Domain) IHC-plus; PTGER1; EP1 prostaglandin receptor; PGE receptor EP1 subtype; Prostaglandin E receptor 1; EP1; PGE receptor; EP1 subtype; PGE2 receptor EP1 subtype; Prostanoid EP1 receptor; Human PTGER1; anti-PTGER1 antibody

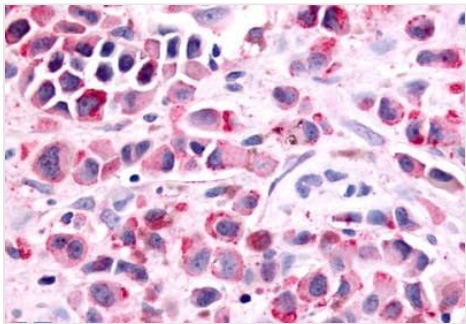
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Monkey, Bovine, Dog, Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PTGER1 / EP1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	402
Applicable Applications for anti-PTGER1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 1st cytoplasmic domain of human PTGER1 / EP1. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Hamster, Bovine, Dog (94%); Mouse, Rat, Bat (81%).
Immunogen Type	Synthetic peptide
Immunogen	PTGER1 / EP1 antibody was raised against synthetic 16 amino acid peptide from 1st cytoplasmic domain of human PTGER1 / EP1. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey, Marmoset, Hamster, Bovine, Dog (94%); Mouse, Rat, Bat (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

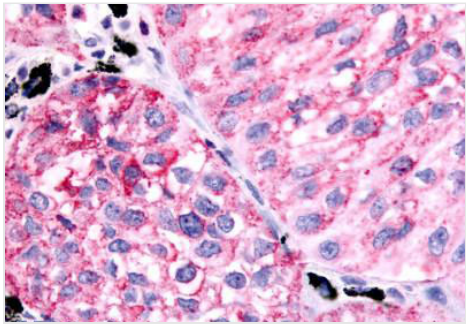
IMAGES



IHC (Immunohistochemistry)
Anti-PTGER1 / EP1 antibody IHC of human kidney, renal tubules. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTGER1 / EP1 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTGER1 / EP1 antibody IHC of human Lung, Non-Small Cell Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGER1 antibody	Prostaglandin E receptor EP1 is a member of the Prostanoid Receptor subfamily. Along with several other receptor subtypes (EP2, EP3, and EP4), it mediates the diverse biological effects of prostaglandin E2 (PGE2). PGE2 has been implicated in numerous processes, including immune response modulation, male erectile function, cervical and colon cancer, induction of labor, control of blood pressure, bone resorption, and asthma.
Product Categories/Family for anti-PTGER1 antibody	Family: GPCR; Subfamily: Prostanoid

NCBI AND UNIPROT INFORMATION

NCBI GI #	38505194
NCBI GeneID	5731
NCBI Accession #	NP_000946.2
NCBI GenBank Nucleotide #	NM_000955.2
UniProt Accession #	P34995; Q5U5U4; Q86UH3; Q86VB5; Q8NHB2
Molecular Weight	41,801 Da
NCBI Official Full Name	prostaglandin E2 receptor EP1 subtype
NCBI Official Synonym Full Names	prostaglandin E receptor 1 (subtype EP1), 42kDa
NCBI Official Symbol	PTGER1
NCBI Official Synonym Symbols	EP1

NCBI Protein Information	prostaglandin E2 receptor EP1 subtype; prostanoid EP1 receptor; PGE receptor EP1 subtype; PGE receptor, EP1 subtype; PGE2 receptor EP1 subtype; prostaglandin E receptor 1, subtype EP1; prostaglandin E receptor 1 (subtype EP1), 42kD
UniProt Protein Name	Prostaglandin E2 receptor EP1 subtype
UniProt Gene Name	PTGER1
UniProt Synonym Gene Names	PGE receptor EP1 subtype; PGE2 receptor EP1 subtype
UniProt Entry Name	PE2R1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/ptger1-ep1-antibody-immunohistochemistry-elisa/51275>