

Rabbit PTGER4 / EP4 Polyclonal Antibody | anti-PTGER4 antibody

Rabbit Polyclonal to Human PTGER4 / EP4

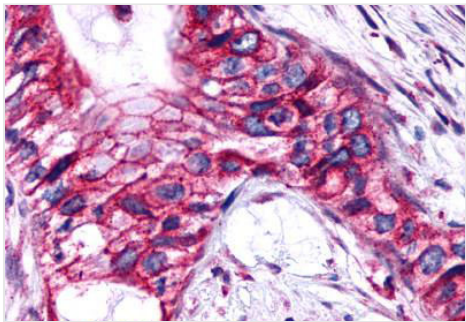
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51118	Rabbit	Gibbon, Bovine, Chimpanzee, Gorilla, Human, Monkey Predicted Reactivity: Dog, Guinea pig, Horse, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

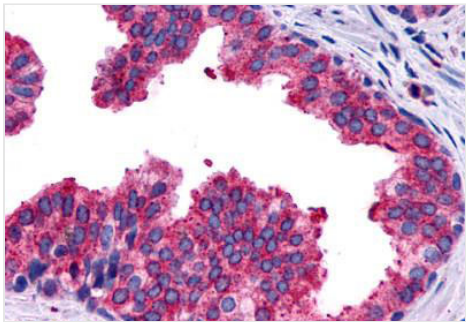
PTGER4 / EP4; Polyclonal Antibody; Rabbit Polyclonal to Human PTGER4 / EP4; Anti-PTGER4 / EP4 Antibody (C-Terminus) IHC-plus; PTGER4; EP4; EP4 prostaglandin receptor; EP4R; PGE receptor EP4 subtype; Prostanoid EP4 receptor; Prostaglandin E receptor 4; PGE receptor; EP4 subtype; PGE2 receptor EP4 subtype; Human PTGER4; anti-PTGER4 antibody

PRODUCT SPECIFICATIONS

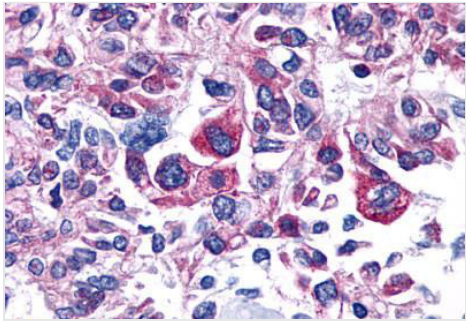
Host	Rabbit
Reactivity	Gibbon, Bovine, Chimpanzee, Gorilla, Human, Monkey Predicted Reactivity: Dog, Guinea pig, Horse, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PTGER4 / EP4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	488
Applicable Applications for anti-PTGER4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from C-terminus of human PTGER4 / EP4. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Bovine (100%); Panda, Dog, Horse, Rabbit, Guinea pig (93%); Mouse, Rat.
Immunogen Type	Synthetic peptide
Immunogen	PTGER4 / EP4 antibody was raised against synthetic 15 amino acid peptide from C-terminus of human PTGER4 / EP4. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Bovine (100%); Panda, Dog, Horse, Rabbit, Guinea pig (93%); Mouse, Rat, Hamster, Elephant, Bat, Opossum, Zebrafish (87%); Turkey, Chicken, Xenopus (80%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



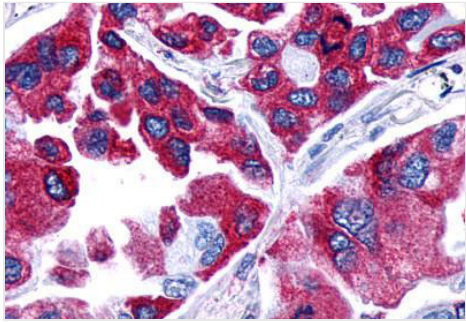
IHC (Immunohistochemistry)
Anti-PTGER4 / EP4 antibody IHC of human Pancreas, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



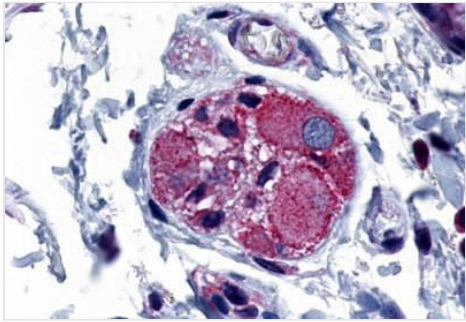
IHC (Immunohistochemistry)
Anti-PTGER4 / EP4 antibody IHC of human prostate, benign prostatic hyperplasia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTGER4 / EP4 antibody IHC of human Prostate, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTGER4 / EP4 antibody IHC of human Lung, Adenocarcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTGER4 / EP4 antibody IHC of human colon, ganglion. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGER4 antibody	Prostaglandin E receptor EP4 is a Prostanoid Receptor with a relaxing effect on smooth muscle. It may play an important role in regulating renal hemodynamics, intestinal epithelial transport, adrenal aldosterone secretion, and uterine function.
Product Categories/Family for anti-PTGER4 antibody	Family: GPCR; Subfamily: Prostanoid

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506259
NCBI GeneID	5734
NCBI Accession #	NP_000949.1

NCBI GenBank Nucleotide #	NM_000958.2
UniProt Accession #	P35408 ; Q3MJ87
Molecular Weight	53,119 Da
NCBI Official Full Name	prostaglandin E2 receptor EP4 subtype
NCBI Official Synonym Full Names	prostaglandin E receptor 4 (subtype EP4)
NCBI Official Symbol	PTGER4
NCBI Official Synonym Symbols	EP4; EP4R
NCBI Protein Information	prostaglandin E2 receptor EP4 subtype; prostanoid EP4 receptor; PGE receptor EP4 subtype; PGE receptor, EP4 subtype; PGE2 receptor EP4 subtype
UniProt Protein Name	Prostaglandin E2 receptor EP4 subtype
UniProt Gene Name	PTGER4
UniProt Synonym Gene Names	PTGER2; PGE receptor EP4 subtype; PGE2 receptor EP4 subtype
UniProt Entry Name	PE2R4_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ptger4-ep4-antibody-immunohistochemistry-elisa/51118>