

Rabbit PTGER3 / EP3 Polyclonal Antibody | anti-PTGER3 antibody

Rabbit Polyclonal to Human PTGER3 / EP3

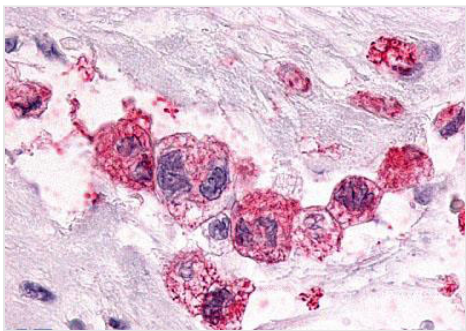
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51454	Rabbit	Bat, Gibbon, Gorilla, Human, Monkey Predicted Reactivity: Mouse (at least 90% immunogen sequence identity)	Immunohistochemistry

PRODUCT SYNONYMS

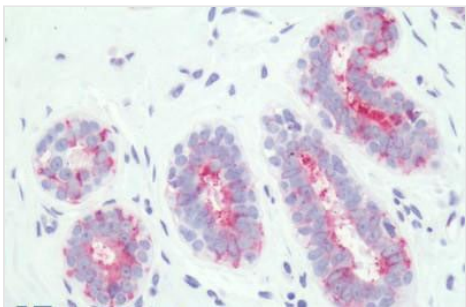
PTGER3 / EP3; Polyclonal Antibody; Rabbit Polyclonal to Human PTGER3 / EP3; Anti-PTGER3 / EP3 Antibody (Cytoplasmic Domain) IHC-plus; PTGER3; Ep3 prostanoid receptor; Ep3 receptor; EP3-I; EP3e; EP3-II; EP3-III; EP3-IV; PGE receptor; EP3 subtype; Prostaglandin receptor (PGE-2); Prostaglandin ep3 receptor; Prostanoid EP3 receptor; PGE receptor EP3 subtype; Pge2 receptor ep3; Human PTGER3; EP3; anti-PTGER3 antibody

PRODUCT SPECIFICATIONS

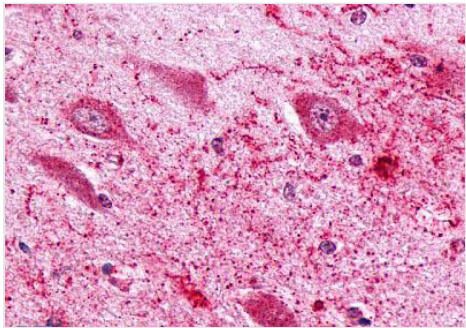
Host	Rabbit
Reactivity	Bat, Gibbon, Gorilla, Human, Monkey Predicted Reactivity: Mouse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human PTGER3 / EP3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	422
Applicable Applications for anti-PTGER3 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 17 amino acid peptide from 1st cytoplasmic domain of human PTGER3 / EP3. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Panda, Bat (100%); Mouse (94%); Xenopus (88%); Bovine, Pig, Opossum (82%).
Immunogen Type	Synthetic peptide
Immunogen	PTGER3 / EP3 antibody was raised against synthetic 17 amino acid peptide from 1st cytoplasmic domain of human PTGER3 / EP3. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Panda, Bat (100%); Mouse (94%); Xenopus (88%); Bovine, Pig, Opossum (82%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C



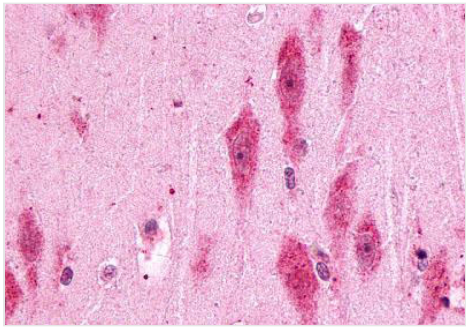
IHC (Immunohistochemistry)
Anti-PTGER3 / EP3 antibody IHC of human Pancreas, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



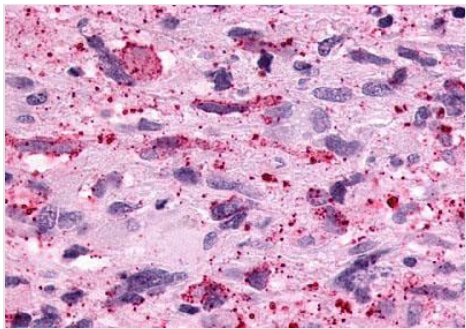
IHC (Immunohistochemistry)
Human, Breast: Formalin-Fixed Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Anti-PTGER3 / EP3 antibody IHC of human brain, hippocampus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTGER3 / EP3 antibody IHC of human brain, hippocampus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-PTGER3 / EP3 antibody IHC of human brain, glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGER3 antibody	Prostaglandin E Receptor EP3 is a member of the Prostanoid Receptor subfamily. Along with several other receptor subtypes (EP1, EP2, 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, induction of labor, cervical cancer, control of blood pressure, and asthma. Various isoforms are produced by alternative splicing.
Product Categories/Family for anti-PTGER3 antibody	Family: GPCR; Subfamily: Prostanoid

NCBI AND UNIPROT INFORMATION

NCBI GI #	38505172
NCBI GeneID	5733

NCBI Accession #	NP_000948.2
NCBI GenBank Nucleotide #	NM_000957.2
UniProt Accession #	P43115; O00326; Q12943; Q12944; Q12945; Q16546; Q5CZ59; Q5CZ61; Q5CZ62; B0AZN4; B1AK19; B5BUP5
Molecular Weight	46,849 Da
NCBI Official Synonym Full Names	prostaglandin E receptor 3 (subtype EP3)
NCBI Official Symbol	PTGER3
NCBI Official Synonym Symbols	EP3; EP3e; EP3-I; EP3-II; EP3-IV; EP3-VI; PGE2-R; EP3-III
NCBI Protein Information	prostaglandin E2 receptor EP3 subtype
UniProt Protein Name	Prostaglandin E2 receptor EP3 subtype
UniProt Gene Name	PTGER3
UniProt Synonym Gene Names	PGE receptor EP3 subtype; PGE2 receptor EP3 subtype
UniProt Entry Name	PE2R3_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://stage.aaabiotech.com/polyclonal/ptger3-ep3-antibody-immunohistochemistry-elisa/51454>