

Rabbit anti-Human PTGER3 Polyclonal Antibody | anti-PTGER3 antibody

PTGER3 Antibody (N-term)

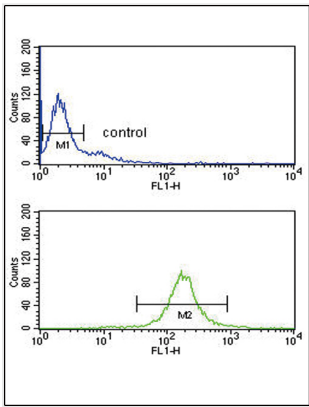
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284719	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

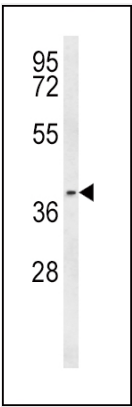
PTGER3; Polyclonal Antibody; PTGER3 Antibody (N-term); Prostaglandin E2 receptor EP3 subtype; PGE receptor EP3 subtype; PGE2 receptor EP3 subtype; PGE2-R; Prostanoid EP3 receptor; anti-PTGER3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PTGER3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human PTGER3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Positions	17-46
Sequence Length	422
Applicable Applications for anti-PTGER3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
PTGER3 Antibody (N-term) flow cytometry analysis of Ramos cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of PTGER3 Antibody (N-term) in Ramos cell line lysates (35ug/lane). PTGER3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGER3 antibody	PTGER3 is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). This receptor may have many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor may also mediate adrenocorticotrophic hormone response as well as fever generation in response to exogenous and endogenous stimuli.
Product Categories/Family for anti-PTGER3 antibody	Metabolism; Signal Transduction; Phospho Antibodies
References	Schmid,A., et.al., Eur. J. Biochem. 228 (1), 23-30 (1995) An,S., et.al., Biochemistry 33 (48), 14496-14502 (1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	186659506
NCBI GeneID	5733
NCBI Accession #	NP_001119516.1; NP_942007.1; NP_942008.1; NP_942009.1; NP_942010.1; NP_942011.1; NP_942012.1
NCBI GenBank Nucleotide #	NM_001126044.1
UniProt Accession #	P43115; O00326; Q12943; Q12944; Q12945; Q16546; Q5CZ59; Q5CZ61; Q5CZ62; B0AZN4; B1AK19; B5BUP5
Molecular Weight	43310
NCBI Official Full Name	prostaglandin E2 receptor EP3 subtype isoform 4
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; 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-antibody-flow-cytometry-western-blot-elisa/284719>