

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

PTGDR Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289503	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

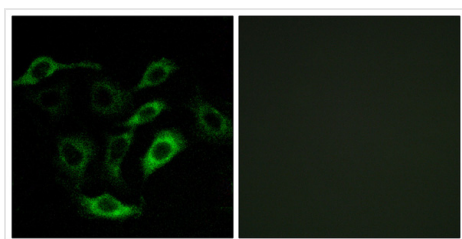
PRODUCT SYNONYMS

PTGDR; Polyclonal Antibody; PTGDR Antibody; Prostaglandin D2 receptor; PGD receptor; PGD2 receptor; Prostanoid DP receptor; anti-PTGDR antibody

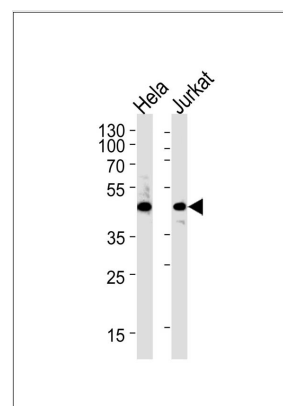
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	285-316
Sequence Length	296
Applicable Applications for anti-PTGDR antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells, using PTGDR antibody.


WB (Western Blot)

Western blot analysis of lysates from HeLa, Jurkat cell line (from left to right), using PTGDR Antibody (G940). G940 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGDR antibody	Receptor for prostaglandin D2 (PGD2). The activity of this receptor is mainly mediated by G(s) proteins that stimulate adenylate cyclase, resulting in an elevation of intracellular cAMP. A mobilization of calcium is also observed, but without formation of inositol 1,4,5-trisphosphate (By similarity).
Product Categories/Family for anti-PTGDR antibody	Signal Transduction
References	Boie Y.,et al.J. Biol. Chem. 270:18910-18916(1995). Martin A.L.,et al.Submitted (APR-2007) to the EMBL/GenBank/DDBJ databases. Heilig R.,et al.Nature 421:601-607(2003). Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases. Town M.H.,et al.Prostaglandins 25:13-28(1983).

NCBI AND UNIPROT INFORMATION

NCBI GI #	28466969
NCBI GeneID	5729
NCBI Accession #	NP_000944.1
NCBI GenBank Nucleotide #	NM_000953.2
UniProt Accession #	Q13258; Q13250; Q13251; Q1ZZ52; G3V5L3
Molecular Weight	40271
NCBI Official Full Name	prostaglandin D2 receptor isoform 1
NCBI Official Synonym Full Names	prostaglandin D2 receptor (DP)
NCBI Official Symbol	PTGDR
NCBI Official Synonym Symbols	DP; AS1; DP1; ASRT1; PTGDR1
NCBI Protein Information	prostaglandin D2 receptor
UniProt Protein Name	Prostaglandin D2 receptor
UniProt Gene Name	PTGDR
UniProt Synonym Gene Names	PGD receptor; PGD2 receptor
UniProt Entry Name	PD2R_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/ptgdr-antibody-immunofluorescence-western-blot-elisa/289503>