

Rabbit PTGDR / DP Polyclonal Antibody | anti-PTGDR antibody

Rabbit Polyclonal to Human PTGDR / DP

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51266	Rabbit	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

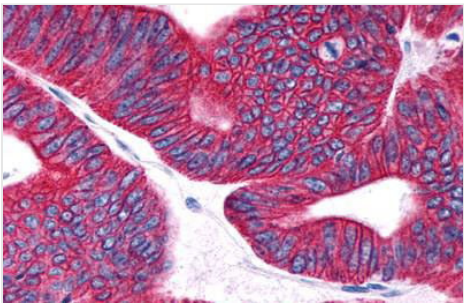
PRODUCT SYNONYMS

PTGDR / DP; Polyclonal Antibody; Rabbit Polyclonal to Human PTGDR / DP; Anti-PTGDR / DP Antibody (Extracellular Domain) IHC-plus; PTGDR; DP; Dp receptor; PGD receptor; Prostaglandin D2 receptor (DP); Prostanoid DP receptor; PTGDR1; PGD2 receptor; Prostaglandin DP receptor; AS1; ASRT1; Dp prostanoid receptor; DP1; Prostaglandin D2 receptor; Human PTGDR; anti-PTGDR antibody

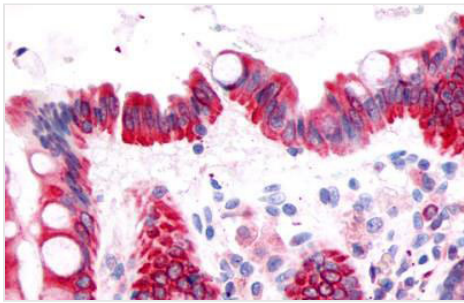
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human Prostaglandin D2 Receptor. 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	359
Applicable Applications for anti-PTGDR antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from 3rd extracellular domain of human Prostaglandin D2 Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey, Marmoset (95%); Dog, Pig (85%); Panda, Bovine (80%).
Immunogen Type	Synthetic peptide
Immunogen	PTGDR / DP antibody was raised against synthetic 20 amino acid peptide from 3rd extracellular domain of human Prostaglandin D2 Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey, Marmoset (95%); Dog, Pig (85%); Panda, Bovine (80%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-PTGDR / DP antibody IHC of human Colon, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-Prostaglandin D2 Receptor antibody IHC of human colon, epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGDR antibody	The prostaglandin D2 receptor is a Prostanoid Receptor that binds prostaglandin D2. Studies suggest that this receptor may be involved in vision, mucous secretion, myometrial relaxation, and asthmatic response.
Product Categories/Family for anti-PTGDR antibody	Family: GPCR; Subfamily: Prostanoid

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	32,354 Da
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; PGD2 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.