

Rabbit PGD2 Receptor Polyclonal Antibody | anti-PTGDR antibody

Anti-PGD2 Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA27807	Rabbit	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunocytochemistry

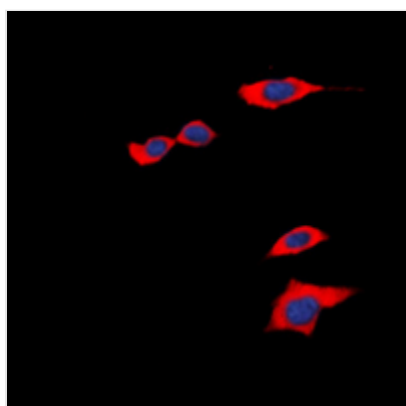
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

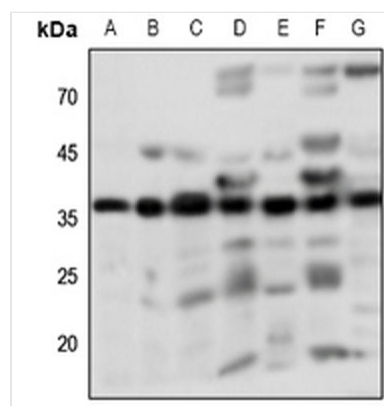
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PGD2 Receptor protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	359
Applicable Applications for anti-PTGDR antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	Western Blot: (1/500 - 1/1000); Immunofluorescence/Immunocytochemistry: (1/100 - 1/500)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PGD2 Receptor. The exact sequence is proprietary.
Preparation and Storage	Upon receipt, aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of PGD2 Receptor staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of PGD2 Receptor expression in HEK293T (A), Hela (B), HepG2 (C), mouse lung (D), mouse brain (E), mouse kidney (F), rat kidney (G) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PTGDR antibody	Rabbit polyclonal antibody to PGD2 Receptor
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2495009
NCBI GeneID	5729
UniProt Accession #	Q13258; Q13250; Q13251; Q1ZZ52; G3V5L3
NCBI Official Full Name	Prostaglandin D2 receptor
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pgd2-receptor-antibody-western-blot-immunofluorescence-immunocytochemistry-elisa/27807>