

## PD2R Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP06989
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PTGDR. AA range:263-312
<b>Mol wt</b>	40271
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	PD2R Antibody
<b>Synonyms</b>	PTGDR; Prostaglandin D2 receptor; PGD receptor; PGD2 receptor; Prostanoid DP receptor

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

PTGDR (prostaglandin D2 receptor) encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular cues and activate intracellular signal transduction pathways. This protein is reported to be a receptor for prostaglandin D2, which is a mediator of allergic inflammation and allergic airway inflammation in asthma. Alternative splicing results in multiple transcript variants.

### Recommended Dilution

WB: 1: 500 - 1: 2000

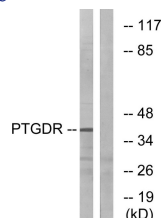
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

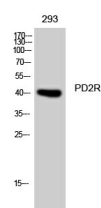
ELISA: 1: 5000

Not yet tested in other applications.

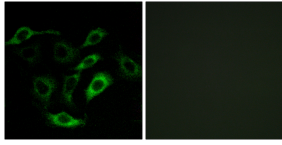
### Images



Western blot analysis of lysates from HepG2 cells, using PTGDR Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 293 cells using PD2R Polyclonal Antibody diluted at 1:1000



Immunofluorescence analysis of A549 cells, using PTGDR Antibody. The picture on the right is blocked with the synthesized peptide.

### Storage

-20°C for one year

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