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Datasheet for ABIN1387487

anti-PTGFR antibody



Overview

Quantity:	100 μL
Target:	PTGFR
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGFR antibody is un-conjugated
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PTGFR
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	PTGFR
Alternative Name:	PTGFR (PTGFR Products)
Background:	Synonyms: FP, Prostaglandin F2-alpha receptor, PGF receptor, PGF2-alpha receptor, Prostanoid FP receptor, PTGFR
	Background: Receptor for prostaglandin F2-alpha (PGF2-alpha). The activity of this receptor is

Target Details

mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system. Initiates luteolysis in the corpus luteum (By similarity). Isoforms 2 to 7 do not bind PGF2-alpha but are proposed to modulate signaling by participating in variant receptor complexes, heterodimers between isoform 1 and isoform 5 are proposed to be a receptor for prostamides including the synthetic analog bimatoprost.

Molecular Weight: 40kDa

Gene ID: 5737

UniProt: P43088

Application Details

Application Notes: WB(1:100-500)

Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months