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Datasheet for ABIN7075206 anti-PTGDR antibody

Image



Overview

Quantity:	100 μL
Target:	PTGDR
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGDR antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated Synthetic peptide corresponding to Mouse Prostaglandin D2 Receptor
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	PTGDR
Alternative Name:	Prostaglandin D2 Receptor (PTGDR Products)
Background:	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 .
	Involved in PLA2G3-dependent maturation of mast cells. PLA2G3 is secreted by immature mast
	cells and acts on nearby fibroblasts upstream to PTDGS to synthesize PGD2, which in turn

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Target Details

	promotes mast cell maturation and degranulation via PTGDR.
Molecular Weight:	50 kDa
Gene ID:	19214
NCBI Accession:	NP_032988
UniProt:	P70263
Pathways:	Thromboxane A2 Receptor Signaling

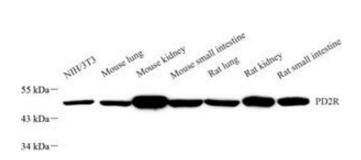
Application Details

Application Notes:	WB (M,R) 1:1000-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % 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

Images



Western Blotting

Image 1. Western blot analysis of PD2R (ABIN7075206) at dilution of 1: 2000