Datasheet for ABIN185578

anti-PTGER4 antibody (Internal Region)

1 Image

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Overview

Quantity:	100 µg
Target:	PTGER4
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PTGER4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	EP4 prostaglandin receptor
Immunogen:	Peptide with sequence C-LEREVSKNPDLQA, from the internal region of the protein sequence according to NP_000949.1.
Sequence:	LEREVSKNPD LQA
Isotype:	IgG
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PTGER4
Alternative Name:	PTGER4 (PTGER4 Products)
Background:	Prostaglandin E receptor 4 (subtype EP4) , MGC126583 , PTGER4, EP4, EP4R, PGE receptor, EP4 subtype prostaglandin E receptor 4, subtype EP4, prostaglandin E2 receptor
Gene ID:	5734
NCBI Accession:	NP_000949

Application Details

Application Notes:	Western Blot: Approx 55 kDa band observed in Human Testes lysates (calculated MW of 53.1 kDa according to NP_000949.1). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Image 1. ABIN185578 (0.1µg/ml) staining of Human Testes lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.