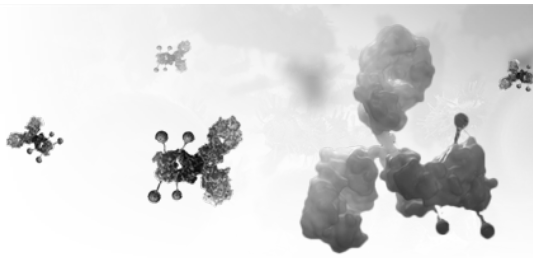

Human PTGER3 blocking peptide (CDBP2431)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PTGER3/EP3 antibody
Antigen Description	The protein encoded by this gene is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). This receptor may have many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor may also mediate adrenocorticotropic hormone response as well as fever generation in response to exogenous and endogenous stimuli. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	PTGER3 prostaglandin E receptor 3 (subtype EP3) [Homo sapiens]
Official Symbol	PTGER3
Synonyms	PTGER3; prostaglandin E receptor 3 (subtype EP3); prostaglandin E2 receptor EP3 subtype;

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	EP3; prostanoid EP3 receptor; PGE receptor, EP3 subtype; PGE2 receptor EP3 subtype; prostaglandin receptor (PGE-2); prostaglandin E receotor EP3 subtype 3 isoform; EP3e; EP3-I; EP3-II; EP3-IV; PGE2-R; EP3-III; MGC27302; MGC141828; MGC141829;
Entrez Gene ID	5733
mRNA Refseq	NM_001126044
Protein Refseq	NP_001119516
UniProt ID	P43115
Chromosome Location	1p31.2
Pathway	Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Eicosanoid ligand-binding receptors, organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem;
Function	G-protein coupled receptor activity; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; prostaglandin E receptor activity; prostaglandin E receptor activity; receptor activity; signal transducer activity;

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