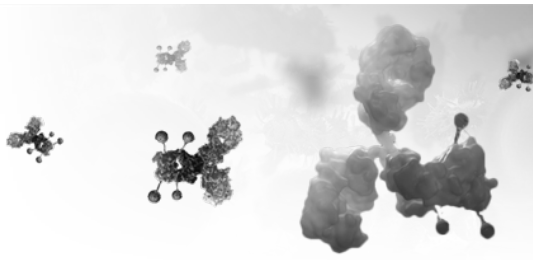

Human P2RY1 blocking peptide (CDBP2164)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-P2RY1 (aa247-257) antibody
Antigen Description	The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor functions as a receptor for extracellular ATP and ADP. In platelets binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and probably to platelet aggregation. [provided by RefSeq, Jul 2008]
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	P2RY1 purinergic receptor P2Y, G-protein coupled, 1 [Homo sapiens (human)]
Official Symbol	P2RY1
Synonyms	P2RY1; purinergic receptor P2Y, G-protein coupled, 1; P2Y1; P2Y purinoceptor 1; ATP receptor; platelet ADP receptor; P2 purinoceptor subtype Y1;

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Entrez Gene ID	5028
mRNA Refseq	NM_002563.3
Protein Refseq	NP_002554.1
UniProt ID	P47900
Chromosome Location	3q25.2
Pathway	ADP signalling through P2Y purinoceptor 1, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem; Hemostasis, organism-specific biosystem; Neuroactive lig
Function	A1 adenosine receptor binding; ADP binding; ADP-activated nucleotide receptor activity; ATP binding; ATP-activated nucleotide receptor activity; G-protein coupled purinergic nucleotide receptor activity; protein binding; protein heterodimerization activit

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