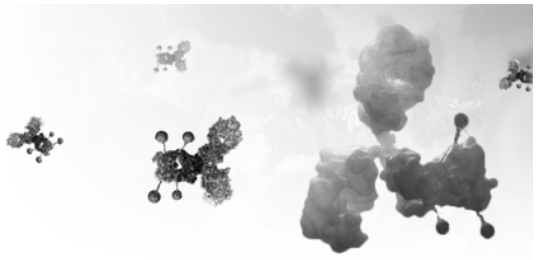

Anti-PPP2R1A (aa 7-19) polyclonal antibody (DPAB-DC2392)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes an alpha isoform of the constant regulatory subunit A. Alternatively spliced transcript variants have been described.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 7-19 of PPP2R1A. The sequence is DDSLYPIAVLIDE
Source/Host	Sheep
Species Reactivity	Bovine, Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB (Tissue lysate), ICC, IP,
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.4 (0.08% sodium azide)
Preservative	0.08% Sodium Azide
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

GENE INFORMATION

Gene Name	PPP2R1A protein phosphatase 2, regulatory subunit A, alpha [Homo sapiens (human)]
Official Symbol	PPP2R1A
Synonyms	PPP2R1A; protein phosphatase 2, regulatory subunit A, alpha; PR65A; PP2AAALPHA; PP2A-Aalpha; serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform; PP2A subunit A isoform R1-alpha; PP2A subunit A isoform PR65-alpha; medium tumor antigen-associated 61 KDA protein; protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform; serine/threonine protein phosphatase 2A, 65 kDa regulatory subunit A, alpha isoform;
Entrez Gene ID	5518
Protein Refseq	NP_055040
UniProt ID	A8K7B7
Chromosome Location	19q13.41
Pathway	AMPK signaling pathway; Activated TLR4 signalling; Adrenergic signaling in cardiomyocytes; Beta-catenin phosphorylation cascade
Function	antigen binding; protein binding; protein heterodimerization activity; protein phosphatase type 2A regulator activity

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