



Anti-PPP2R5E monoclonal antibody (DCABH-13024)

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

PRODUCT INFORMATION

Antigen Description	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A 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 B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an epsilon isoform of the regulatory subunit B56 subfamily.
----------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Immunogen	A synthetic peptide of human PPP2R5E is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PPP2R5E protein phosphatase 2, regulatory subunit B, epsilon isoform [Homo sapiens]
Official Symbol	PPP2R5E
Synonyms	PPP2R5E; protein phosphatase 2, regulatory subunit B, epsilon isoform; protein phosphatase 2, regulatory subunit B (B56), epsilon isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform; PP2A, B subunit, B epsilon; PP2A, B subunit, R5 epsilon; PP2A, B subunit, B56 epsilon; PP2A, B subunit, PR61 epsilon; PP2A B subunit isoform B-epsilon; PP2A B subunit isoform R5-epsilon; PP2A B subunit isoform B56-epsilon; PP2A B subunit isoform PR61-epsilon; epsilon isoform of regulatory subunit B56, protein phosphatase 2A; serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, epsilon;
Entrez Gene ID	5529
Protein Refseq	NP_006237
UniProt ID	Q16537
Chromosome Location	14q23.2
Pathway	Adaptive Immune System, organism-specific biosystem; Beta-catenin phosphorylation cascade, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; DNA Replication, organism-specific biosystem;
Function	protein binding; protein phosphatase type 2A regulator activity;