



Rabbit anti-Human PPP2R5A polyclonal antibody (CABT-B9678)

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

PRODUCT INFORMATION

Immunogen	Recombinant Protein, antigen sequence:FVQQLLELFDSEDPREDFLKTVLHRIYGKFLGLRAFIRKQINNIFLRFIY ETEHFNGVAELLEILGSIINGFALPLKAEHKQFLMKVLIPMHTAKGLALFHAQLAYCVVQ FLEKDTTLTEPVIRGLLKFWPKTCSQKEVMFLGEIEEILDVIEPTQFKKIEEPLFKQISK CVSSSHFQVAERALYFWNNEYILSLIEENINKILPIMFASLYKISKEHWNPTIVALVYNV LKTLMEMNGKLFDDLTSSYKAERQREKKKELEREELWKKLEELKLKKALEKQNSAYNMHS ILSNTSAE (188-486 aa encoded by BC022474)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	human, Mouse, Rat
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB, IP, IHC, IF, ELISA
Molecular Weight	56 kDa
Positive Control	human ileum tissue, human brain tissue, human heart tissue, human kidney tissue, human lung tissue
Format	Liquid
Size	100 µl
Buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

BACKGROUND

Introduction 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 alpha isoform of the regulatory subunit B56 subfamily. Alternative transcript variants encoding distinct isoforms have been found for this gene.

Keywords PPP2R5A; protein phosphatase 2, regulatory subunit B, alpha; B56A; PR61A; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform; PR61alpha; PP2A B subunit isoform B-alpha; PP2A B subunit isoform R5-alpha; PP2A B subunit isoform B56-alpha; PP2A B subunit isoform PR61-alpha; PP2A, B subunit, B alpha isoform; PP2A, B subunit, R5 alpha isoform; PP2A, B subunit, B56 alpha isoform; PP2A, B subunit, PR61 alpha isoform; protein phosphatase 2, regulatory subunit B, alpha isoform; protein phosphatase 2, regulatory subunit B (B56), alpha isoform; serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, alpha isoform;

GENE INFORMATION

Entrez Gene ID [5525](#)

UniProt ID [Q15172](#)