

Rabbit Anti-PPP2R2C/AF350 Conjugated antibody

SL19547R-AF350

Product Name	Anti-PPP2R2C/AF350
Chinese Name	AF350 标记的蛋白磷酸酶 2 调节亚基 2C 抗体
Alias	2ABG_HUMAN; B55 gamma; Gamma isoform of regulatory subunit B55 protein phosphatase 2; IMYPNO 1; IMYPNO; IMYPNO1; MGC33570; OTTHUMP00000115505; Phosphoprotein phosphatase 2A BR gamma regulatory chain; PP2A subunit B B gamma isoform; PP2A subunit B B55 gamma isoform; PP2A subunit B isoform B55-gamma; PP2A subunit B isoform gamma; PP2A subunit B isoform PR55-gamma; PP2A subunit B isoform R2-gamma; PP2A subunit B PR55 gamma isoform; PP2A subunit B R2 gamma isoform; PPP2R2C; PPP2R2C protein; PR 52; PR 55G; PR52; PR55G; Protein phosphatase 2 (formerly 2A) regulatory subunit B gamma isoform; Protein phosphatase 2 regulatory subunit B gamma; Protein phosphatase 2 regulatory subunit B gamma isoform; Protein phosphatase 2A1 B gamma subunit; Serine/threonine protein phosphatase 2A 55 kDa regulatory subunit B gamma isoform; Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B gamma isoform.
Research Area	Cell biology Signal transduction Kinases and Phosphatases
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Dog,Cow,Rabbit,Sheep) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	51kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human PPP2R2C
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

background:

The product of this gene belongs to the phosphatase 2 regulatory subunit B family. 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 B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a gamma isoform of the regulatory subunit B55 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Function:

The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.

Product Detail

Similarity:

Belongs to the phosphatase 2A regulatory subunit B family.
Contains 7 WD repeats.

Database links:

[Entrez Gene: 422858](#) Chicken

[Entrez Gene: 782110](#) Cow

[Entrez Gene: 5522](#) Human

[Entrez Gene: 269643](#) Mouse

[Entrez Gene: 100521101](#) Pig

[Entrez Gene: 117256](#) Rat

[Omim: 605997](#) Human

[SwissProt: Q9Y2T4](#) Human



[SwissProt: Q8BG02](#) Mouse

[SwissProt: P50410](#) Rabbit

[SwissProt: P97888](#) Rat

[Unigene: 479069](#) Human

[Unigene: 41694](#) Mouse

[Unigene: 54550](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.