

ARG45607 anti-PPP2R5E antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PPP2R5E
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, IHC-P, WB
Specificity	PPP2R5E
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PPP2R5E
Species	Human
Immunogen	Recombinant protein containing to human PPP2R5E.
Conjugation	Un-conjugated
Alternate Names	PPP2R5E; Protein Phosphatase 2 Regulatory Subunit B'Epsilon; PP2A B subunit isoform R5-epsilon; PP2A B subunit isoform PR61-epsilon; PP2A B subunit isoform B56-epsilon; PP2A B subunit isoform B'-epsilon; Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.1-0.25 µg/ml
	Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

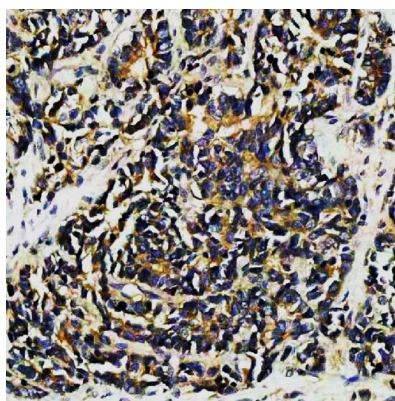
Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

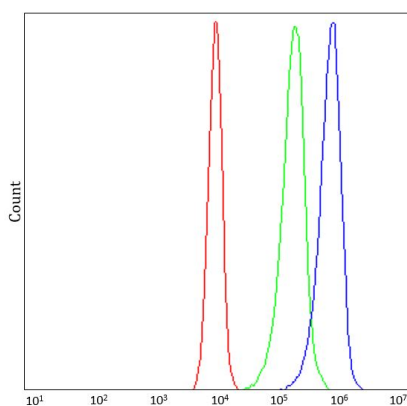
Gene Symbol	PPP2R5E
Gene Full Name	Protein Phosphatase 2 Regulatory Subunit B'Epsilon
Background	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell 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. [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. [UniProt]
Calculated Mw	55 kDa
PTM	Phosphorylated on serine residues.. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

Images



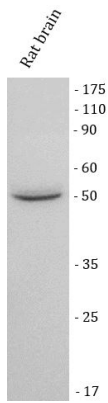
ARG45607 anti-PPP2R5E antibody IHC-P image

Immunohistochemistry: Human colon cancer stained with ARG45607 anti-PPP2R5E antibody at 2 µg/ml dilution.



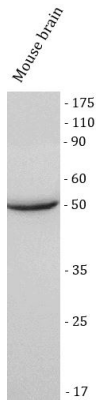
ARG45607 anti-PPP2R5E antibody FACS image

Flow Cytometry: A431 stained with ARG45607 anti-PPP2R5E antibody at 1 µg/10⁶ cells dilution.



ARG45607 anti-PPP2R5E antibody WB image

Western blot: Rat brain stained with ARG45607 anti-PPP2R5E antibody at 0.5 μ g/ml dilution.



ARG45607 anti-PPP2R5E antibody WB image

Western blot: Mouse brain stained with ARG45607 anti-PPP2R5E antibody at 0.5 μ g/ml dilution.