

ARG45535 anti-PPP2R3A antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PPP2R3A
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PPP2R3A
Species	Human
Immunogen	Recombinant protein containing to human PPP2R3A.
Conjugation	Un-conjugated
Alternate Names	PPP2R3A; Protein Phosphatase 2 Regulatory Subunit B"Alpha; PPP2R3; PR130; PR72; Serine/Threonine-Protein Phosphatase 2A Regulatory Subunit B" Subunit Alpha; Serine/Threonine-Protein Phosphatase 2A 72/130 KDa Regulatory Subunit B; PR130/B"Alpha1 Subunit; PR72/B"Alpha2 Subunit; Protein Phosphatase 2 (Formerly 2A), Regulatory Subunit B" (PR 72), Alpha Isoform And (PR 130), Beta Isoform; Protein Phosphatase 2, Regulatory Subunit B", Alpha; PP2A Subunit B Isoforms B"-PR72/PR130; PP2A Subunit B Isoform PR72/PR130; PP2A Subunit B Isoform R3 Isoform; PP2A Subunit B Isoforms B72/B130

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	ICC/IF	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.	
Observed Size	128 kDa	

Properties

Form	Liquid
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

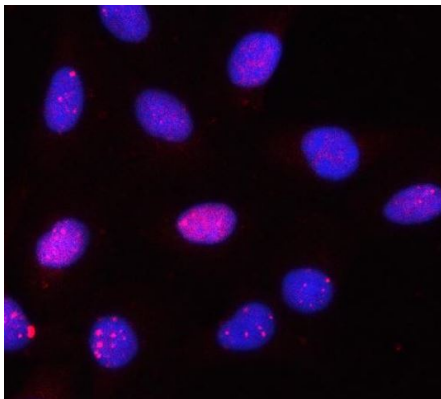
and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

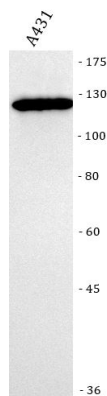
Gene Symbol	PPP2R3A
Gene Full Name	Protein Phosphatase 2 Regulatory Subunit B''Alpha
Background	This gene encodes one of the regulatory subunits of the protein phosphatase 2. Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B''/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holoenzyme. The product of this gene belongs to the B'' family. The B'' family has been further divided into subfamilies. The product of this gene belongs to the alpha subfamily of regulatory subunit B''. Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Jun 2010]
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	130 kDa

Images



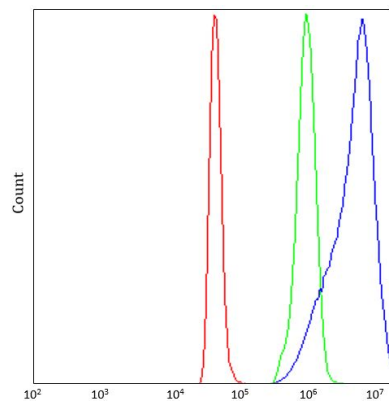
ARG45535 anti-PPP2R3A antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45535 anti-PPP2R3A antibody at 5 µg/ml dilution.



ARG45535 anti-PPP2R3A antibody WB image

Western blot: A431 stained with ARG45535 anti-PPP2R3A antibody at 0.5 µg/ml dilution.



ARG45535 anti-PPP2R3A antibody FACS image

Flow Cytometry: SH-SY5Y stained with ARG45535 anti-PPP2R3A antibody at 1 µg/10⁶ cells dilution.