

ARG41189
anti-PPP4R1 antibodyPackage: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PPP4R1
Tested Reactivity	Hu, Ms
Tested Application	IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PPP4R1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 324-647 of Human PPP4R1 (NP_001035847.1).
Conjugation	Un-conjugated
Alternate Names	Serine/threonine-protein phosphatase 4 regulatory subunit 1; PP4R1; MEG1; PP4(Rmeg)

Application Instructions

Application table	Application	Dilution
	IP	1:50 - 1:100
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SKOV3	
Observed Size	130 kDa	

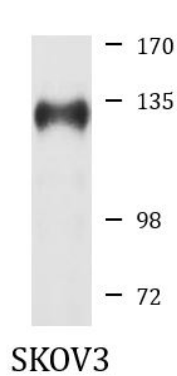
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

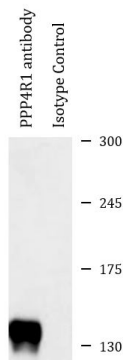
Gene Symbol	PPP4R1
Gene Full Name	protein phosphatase 4, regulatory subunit 1
Background	This gene encodes one of several alternate regulatory subunits of serine/threonine protein phosphatase 4 (PP4). The protein features multiple HEAT repeats. This protein forms a complex with PP4RC. This complex may have a distinct role from other PP4 complexes, including regulation of HDAC3 (Zhang et al., PMID: 15805470). There is also a transcribed pseudogene on chromosome 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]
Function	Regulatory subunit of serine/threonine-protein phosphatase 4. May play a role in regulation of cell division in renal glomeruli. The PPP4C-PPP4R1 PP4 complex may play a role in dephosphorylation and regulation of HDAC3. [UniProt]
Calculated Mw	107 kDa

Images



ARG41189 anti-PPP4R1 antibody WB image

Western blot: 25 µg of SKOV3 cell lysate stained with ARG41189 anti-PPP4R1 antibody at 1:1000 dilution.



ARG41189 anti-PPP4R1 antibody IP image

Immunoprecipitation: 200 µg extracts of 293T cells were immunoprecipitated and stained with ARG41189 anti-PPP4R1 antibody at 1:1000 dilution.