

ARG55117 anti-ARP2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ARP2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ARP2
Species	Human
Immunogen	Recombinant protein of Human ARP2 (Swiss: P61160)
Conjugation	Un-conjugated
Alternate Names	Actin-related protein 2; Actin-like protein 2; ARP2

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	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	Mouse spleen and 293T	

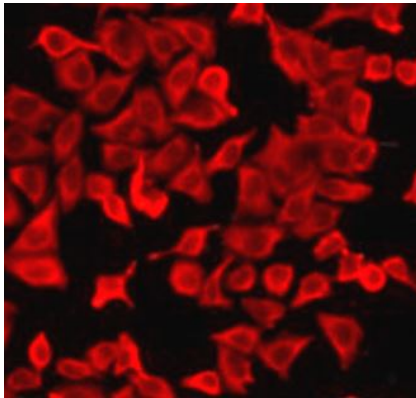
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
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

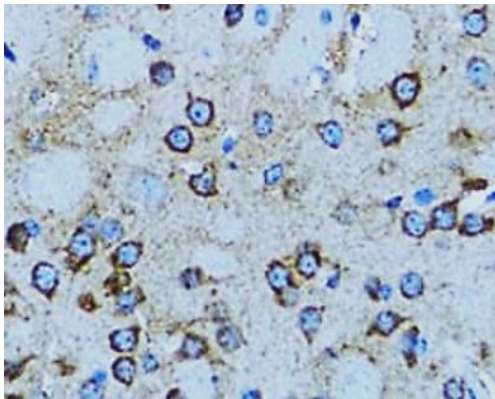
Gene Symbol	ACTR2
Gene Full Name	ARP2 actin-related protein 2 homolog (yeast)
Background	The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Functions as ATP-binding component of the Arp2/3 complex which is involved in regulation of actin polymerization and together with an activating nucleation-promoting factor (NPF) mediates the formation of branched actin networks. Seems to contact the pointed end of the daughter actin filament. [UniProt]
Research Area	Cancer antibody; Signaling Transduction antibody
Calculated Mw	45 kDa

Images



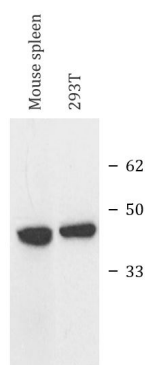
ARG55117 anti-ARP2 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG55117 anti-ARP2 antibody.



ARG55117 anti-ARP2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue stained with ARG55117 anti-ARP2 antibody at 1:100 dilution.



ARG55117 anti-ARP2 antibody WB image

Western blot: Mouse spleen and 293T cell lysates stained with ARG55117 anti-ARP2 antibody.