

## ARG63471 anti-ACTR1A / ARP1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ACTR1A / ARP1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	FACS, WB
Specificity	This epitope was selected to minimise the chance of cross-reactivity with ACTR1B (YEEDGSRAIHRKT).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ACTR1A / ARP1
Species	Human
Immunogen	C-YEEDGARSIRHKT
Conjugation	Un-conjugated
Alternate Names	Alpha-centractin; Actin-RPV; Arp1A; Centractin; Centrosome-associated actin homolog; CTRN1; ARP1

### Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	WB	0.1-2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
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

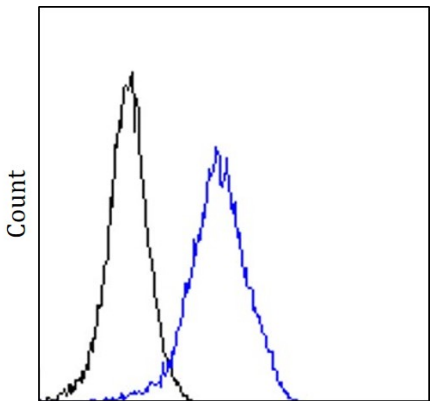
Database links	<a href="#">GeneID: 10121 Human</a> <a href="#">Swiss-port # P61163 Human</a>
Background	This gene encodes a 42.6 kD subunit of dynactin, a macromolecular complex consisting of 10-11 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein. It is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear positioning, and axonogenesis. This subunit is present in 8-13 copies per dynactin molecule, and is the most abundant molecule in the dynactin complex. It is an actin-related protein, and is approximately 60% identical at the amino acid level to conventional actin. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	43 kDa

Images



ARG63471 anti-ACTR1A / ARP1 antibody WB image

Western blot: Human kidney lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63471 anti-ACTR1A / ARP1 antibody at 2 µg/ml dilution.



ARG63471 anti-ACTR1A / ARP1 antibody FACS image

Flow Cytometry: A431 stained with ARG63471 anti-ACTR1A / ARP1 antibody at 10ug/ml dilution.