

ARG63471
anti-ACTR1A / ARP1 antibodyPackage: 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-YEEDGARSIHRTK
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.

Note

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

Bioinformation

Database links

[GeneID: 10121 Human](#)

[Swiss-port # P61163 Human](#)

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]

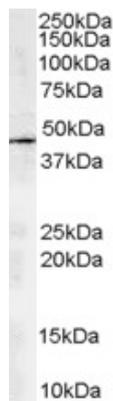
Research Area

Cell Biology and Cellular Response antibody; Signaling Transduction antibody

Calculated Mw

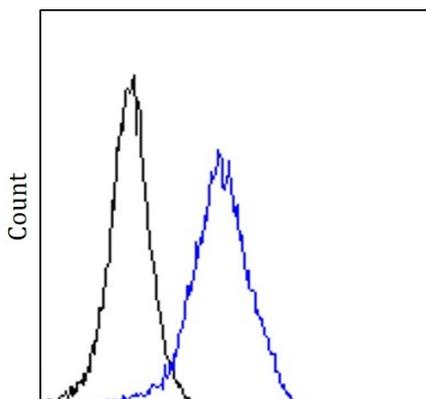
43 kDa

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.