

## ARG63492 anti-ACTR1B / ARP1B antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ACTR1B / ARP1B
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	IHC-P, WB
Specificity	This epitope was selected to minimise the chance of cross-reactivity with ACTR1A (YEEDGARSIHRTK).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ACTR1B / ARP1B
Species	Human
Immunogen	C-YEEDGSRAIHRKT
Conjugation	Un-conjugated
Alternate Names	PC3; Actin-related protein 1B; CTRN2; Beta-centractin; ARP1B

### Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.5 - 2 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). 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: 10120 Human](#)

[Swiss-port # P42025 Human](#)

#### Background

This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and 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, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq, Aug 2008]

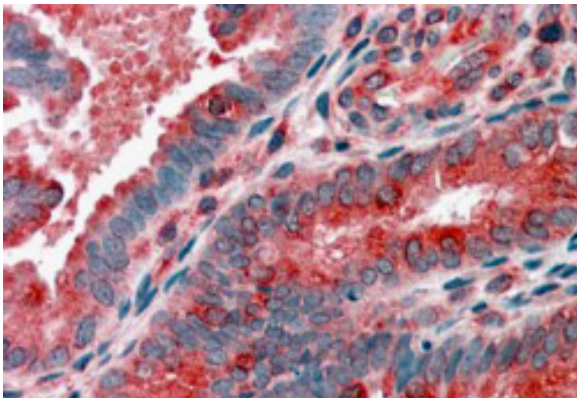
#### Research Area

Signaling Transduction antibody

#### Calculated Mw

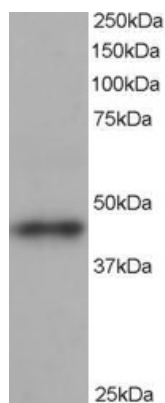
42 kDa

## Images



ARG63492 anti-ACTR1B / ARP1B antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human uterus tissue. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63492 anti-ACTR1B / ARP1B antibody at 3.8 µg/ml dilution followed by AP-staining.



ARG63492 anti-ACTR1B / ARP1B antibody WB image

Western blot: Human heart lysate (RIPA buffer, 35 µg total protein per lane) stained with ARG63492 anti-ACTR1B / ARP1B antibody at 1 µg/ml dilution.