

Product datasheet for **TA321723**

ACTR1A Rabbit Polyclonal Antibody

Product data:

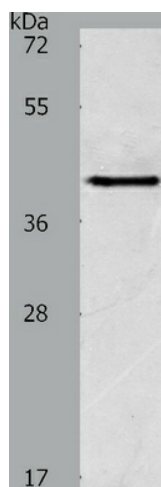
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1000-2000, WB: 1:200-1000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 250 amino acids of human ARP1 actin-related protein 1 homolog A, cetractin alpha (yeast)
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	ARP1 actin-related protein 1 homolog A, cetractin alpha
Database Link:	NP_005727 Entrez Gene 54130 Mouse Entrez Gene 294010 Rat Entrez Gene 10121 Human P61163
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.



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Synonyms: ARP1; Arp1A; CTRN1

Product images:



Predicted band size: 43 kDa. Positive control: MCF7 cell lysate. Recommended dilution: 1/200-1000. (Gel: 10%SDS-PAGE Lysate: 40 ug per lane Primary antibody: 1/300 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 10 seconds)