

ACTR1A Polyclonal Antibody

Catalog No.	A6515	Category	Polyclonal Antibodies
Applications	WB	Observed MW	43kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	42kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 187-376 of human ACTR1A (NP_005727.1).
Gene ID	10121
Swiss prot	P61163
Synonyms	ACTR1A; ARP1; Arp1A; CTRN1; alpha-centractin

Product information

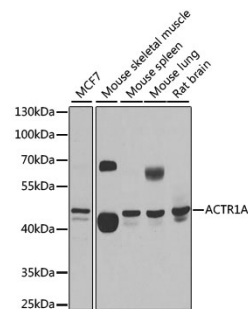
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - ACTR1A Polyclonal Antibody (A6515)