

Datasheet

ACTR1A polyclonal antibody (A01)

Catalog Number: H00010121-A01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a partial recombinant ACTR1A.

Immunogen: ACTR1A (NP_005727, 279 a.a. ~ 375 a.a) partial recombinant protein with GST tag.

Sequence:

LVFAIQKSDMDLRRTLFSNIVLSGGSTLFKGFGDRLLS
EVKKLAPKDVKIRISAPQERLYSTWIGGSILASLDTFKK
MWVSKKEYEEDGARSIRKKT

Host: Mouse

Reactivity: Human

Applications: ELISA, WB-Re, WB-Ti

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10121

Gene Symbol: ACTR1A

Gene Alias: ARP1, CTRN1, FLJ52695, FLJ52800, FLJ55002

Gene Summary: 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]