

DNAxPAb

Hard-to-Find
Antibody

ACTR1A DNAxPab

Catalog # H00010121-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACTR1A DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MESYDVIANQPVIDNGSGVIKAGFAGDQIPKYCFPNYVGRPKHVRVMAGALEGDIFIGPKAEEHR GLLSIRYPMEHGVKDWNDMERMQYVYSKDQLQTFSEEHPVLLTEAPLNPRKNRERAAEVFFET FNPALFISMQAVLSLYATGRTTGVVLDSDGDGVTHAVPIYEGFAMPHSIMRIDAGRDVSRFLRLYL RKEGYDFHSSEFENVKAikeracyLSINPQKDETLETEKAQYYLPDGSTIEIGPSRFRAPELLFRPD LIGEESEGIHEVLVFAIQKSDMDLRRTLFSNVLSSGGSTLFKGFGDRLLSEVKKLAPKDVKIRISAPQ ERLYSTWIGGSILASLDTFKKMWWSKKEYEEDGARSIHRTF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ACTR1A

Entrez GeneID	10121
GeneBank Accession#	NM_005736.2
Protein Accession#	NP_005727.1
Gene Name	ACTR1A
Gene Alias	ARP1, CTRN1, FLJ52695, FLJ52800, FLJ55002
Gene Description	ARP1 actin-related protein 1 homolog A, centractin alpha (yeast)
Omim ID	605143
Gene Ontology	Hyperlink
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]
Other Designations	ARP1 actin-related protein 1 homolog A, centractin alpha ARP1, yeast homolog A OTTHUMP00000020366 actin-RPV centractin alpha centrosome-associated actin homolog