

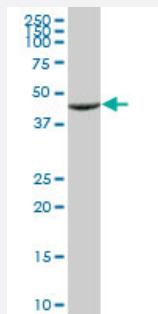
MaxPab®

ACTR1A MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010121-B01P

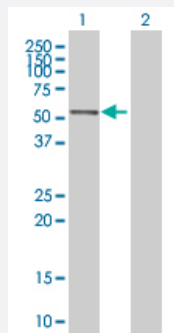
Size 50 ug

Applications



Western Blot (Tissue lysate)

ACTR1A MaxPab polyclonal antibody. Western Blot analysis of ACTR1A expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of ACTR1A expression in transfected 293T cell line ([H00010121-T01](#)) by ACTR1A MaxPab polyclonal antibody.

Lane 1: ACTR1A transfected lysate(41.36 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ACTR1A protein.

Immunogen

ACTR1A (NP_005727.1, 1 a.a. ~ 376 a.a) full-length human protein.

Sequence

MESYDVIANQPVIDNGSGVIKAGFAGDQIPKYCFPNYVGRPKHVRVMAGALEGDIFIGPKAEEHR
GLLSIRYPMEHGVKDWNDMERWQYVYSKDQLQTFSEEHPVLLTEAPLNPRKNRERAAEVFFET
FNVPALFISMQAVLSLYATGRTTGCVLDSGDGVTHAVPIYEGFAMPHSIMRIDAGRDVSRFLRLYL
RKEGYDFHSSSEFENKAIKERACYLSINPQKDETLETEKAQYYLPDGGSTIEIGPSRFRAPPELLFRPD
LIGEESEGIHEVLVFAIQKSDMDLRRTLFSNVLSSGGSTLFGKFGDRLLSEVKKLAPKDVKIRISAPQ
ERLYSTWIGGSILASLDTFKKMWVSKKEYEEDGARSIRHRTF

Host

Mouse

Reactivity	Human
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 (Tissue lysate)

ACTR1A MaxPab polyclonal antibody. Western Blot analysis of ACTR1A expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACTR1A expression in transfected 293T cell line ([H00010121-T01](#)) by ACTR1A MaxPab polyclonal antibody.

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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|OTTHUMP0000020366|actin-RPV|centractin alpha|centrosome-associated actin homolog