

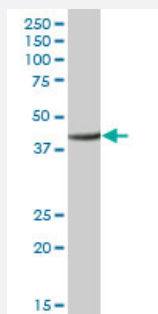
MaxPab®

# ACTR1B MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010120-B01P

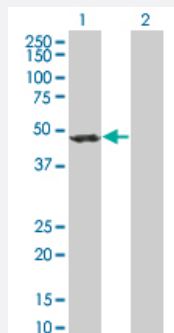
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

ACTR1B MaxPab polyclonal antibody. Western Blot analysis of ACTR1B expression in human liver.



### Western Blot (Transfected lysate)

Western Blot analysis of ACTR1B expression in transfected 293T cell line ([H00010120-T01](#)) by ACTR1B MaxPab polyclonal antibody.

Lane 1: ACTR1B transfected lysate(41.36 kDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human ACTR1B protein.

### Immunogen

ACTR1B (NP\_005726.1, 1 a.a. ~ 376 a.a) full-length human protein.

### Sequence

MESYDIANQPVIDNGSGVIKAGFAGDQIPKYCFPNYVGRPKHMRVMAGALEGDLFIGPKAEEHR  
GLLTIRYPMEHGVVRDWNDMERIWQVYYSKDQLQTFSEEHVLLTEAPLNPSKNREKAAEVFFET  
FNVPALFISMQAVLSLYATGRTTGVVLDSGDGVTHAVPIYEGFAMPHSIMRVDIAGRVSRYLRLLL  
RKEGVDFHTSAEFEVVRTIKERACYLSINPQKDEALETEKVQYTLPDGSTLDVGPARFRAPELLFQ  
PDLVGDESEGLHEVVAFAIHKSDMDLRRTLFANVLSSGGSTLFKGFGRLLSEVKKLAPKDIKIKIS  
APQERLYSTWIGGSILASLDTFKKMWVSKKEYEEDGSRAIHRKTF

### Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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)

ACTR1B MaxPab polyclonal antibody. Western Blot analysis of ACTR1B expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACTR1B expression in transfected 293T cell line ([H00010120-T01](#)) by ACTR1B MaxPab polyclonal antibody.

Lane 1: ACTR1B transfected lysate(41.36 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

## Gene Info — ACTR1B

Entrez GeneID	<a href="#">10120</a>
GeneBank Accession#	<a href="#">NM_005735.2</a>
Protein Accession#	<a href="#">NP_005726.1</a>
Gene Name	ACTR1B
Gene Alias	ARP1B, CTRN2, PC3
Gene Description	ARP1 actin-related protein 1 homolog B, centractin beta (yeast)
Omim ID	<a href="#">605144</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and 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, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq]

**Other Designations**

ARP1 actin-related protein 1 homolog B, centractin beta|centractin beta