



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# ACTR1B MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00010120-B01

規格 : [ 50 uL ]

[List All](#)

## 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:**  
 MESYDIANQPVIDNGSGVIKAGFAGDQIPKYCFPNYVGRPKHMRVMAG  
 ALEGDLFIGPKAEEHRGLLTIRYPMEHGVRDWDNERIWQYVYSKDQL  
 QTFSEEHPVLLTEAPLNPSKNREKAAEVFFETFNPALFISMQAVLSLYAT  
 GRTTGWVLDSGDGVTHAVPIYEGFAMPHSIMRVDIAGRDSRYLRLLLRK  
 EGVDFTSAEFEVVRTIKERACYLSINPQKDEALETEKVQYTLPDGSTLD  
 VGPARFRAPELLFQPDLVGDESEGLHEVVAFAIHKSDMDLRRTLFANVL  
 SGGSTLFKGFDRLLSEVKKLAPKDIIKISAPQERLYSTWIGGSILASLDT  
 FKKMWW/SKKEYEEDGSRAIHRKTF

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** No additive

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

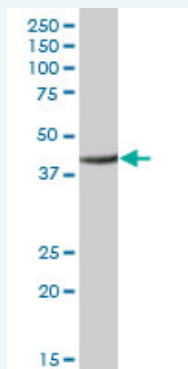
**Note:** For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

**MSDS:**  [Download](#)


**Datasheet:**  [Download](#)

## Applications

### Western Blot (Tissue lysate)

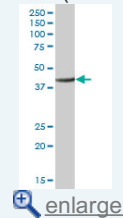


ACTR1B MaxPab polyclonal antibody. Western Blot analysis of ACTR1B expression in human liver.

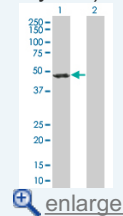
 [Protocol Download](#)

## Application Image

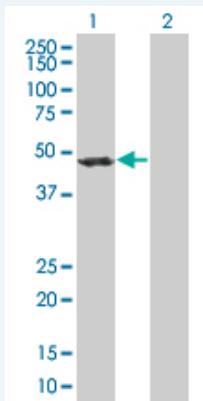
### Western Blot (Tissue lysate)



### Western Blot (Transfected lysate)



### 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 Information

Entrez GeneID: [10120](#)

GeneBank Accession#: [NM\\_005735.2](#)

Protein Accession#: [NP\\_005726.1](#)

Gene Name: ACTR1B

Gene Alias: ARP1B,CTRN2,PC3

Gene Description: ARP1 actin-related protein 1 homolog B, centractin beta (yeast)

Omim ID: [605144](#)

Gene Ontology: [Hyperlink](#)

**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