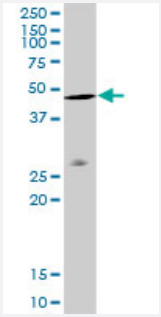
MaxPab®

ACTB purified MaxPab rabbit polyclonal antibody (D01P)

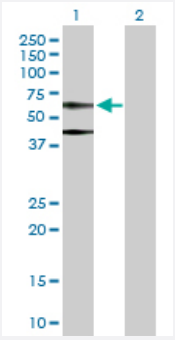
Catalog # H00000060-D01P Size 100 ug

Applications



Western Blot (Tissue lysate)

ACTB MaxPab rabbit polyclonal antibody. Western Blot analysis of ACTB expression in mouse intestine.



Western Blot (Transfected lysate)

Western Blot analysis of ACTB expression in transfected 293T cell line (H00000060-T02) by ACTB MaxPab polyclonal antibody.

Lane 1: ACTB transfected lysate(41.70 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ACTB protein.
Immunogen	ACTB (NP_001092.1, 1 a.a. ~ 375 a.a) full-length human protein.
Sequence	MDDDIAALVVDNGSGMCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKR GILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNT PAMYVAIQAVLSLYASGRTTGIVMDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERG YSFTTTAEREIVRDIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCPEALFQP SFLGMESCGIHETTFNSIMKCDVDIRKDLYANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIAPP ERKYSVWIGGSILASLSTFQQMWISKQEYDESGPSIVHRKCF
Host	Rabbit

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Reactivity	Human, Mouse
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)

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  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of ACTB expression in transfected 293T cell line (H00000060-T02) by ACTB MaxPab polyclonal antibody.

  Lane 1: ACTB transfected lysate(41.70 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — ACTB

Entrez GeneID	60
GeneBank Accession#	NM_001101.2
Protein Accession#	NP_001092.1
Gene Name	ACTB
Gene Alias	PS1TP5BP1
Gene Description	actin, beta
Omim ID	102630
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of six different actin proteins. Actins are highly conserved proteins that ar e involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. [provided by RefSeq

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Other Designations	PS1TP5-binding protein 1|actin, cytoplasmic 1|beta actin|beta cytoskeletal actin

Pathway

- Adherens junction
- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Focal adhesion
- Hypertrophic cardiomyopathy (HCM)
- Leukocyte transendothelial migration
- Pathogenic Escherichia coli infection - EHEC
- Regulation of actin cytoskeleton
- Tight junction
- Vibrio cholerae infection

Disease

- Breast cancer
- Breast Neoplasms

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