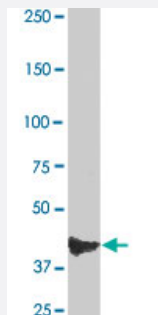


ACTB polyclonal antibody

Catalog # PAB0865

Size 200 ug

Applications



Western Blot (Cell lysate)

Western blot of ACTB polyclonal antibody (Cat # PAB0865) expression in A-431 whole cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a synthetic peptide of ACTB.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human ACTB.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.2% gelatin, 0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot of ACTB polyclonal antibody (Cat # PAB0865) expression in A-431 whole cell lysate.

- Immunohistochemistry (Frozen sections)

Gene Info — ACTB

Entrez GeneID	60
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 are 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]
Other Designations	PS1TP5-binding protein 1 actin, cytoplasmic 1 beta actin beta cytoskeletal actin

Publication Reference

- [Effects of high-fat diet and/or body weight on mammary tumor leptin and apoptosis signaling pathways in MMTV-TGF-alpha mice.](#)

Dogan S, Hu X, Zhang Y, Maihle NJ, Grande JP, Cleary MP.

Breast cancer Research 2007 Dec; 9(6):R91.

- [2-DE proteome analysis of a proliferating and differentiating human neuronal stem cell line \(ReNcell VM\).](#)

Hoffrogge R, Mikkat S, Scharf C, Beyer S, Christoph H, Pahnke J, Mix E, Berth M, Uhrmacher A, Zubrzycki IZ, Miljan E, Volker U, Rolfs A.

Proteomics 2006 Feb; 6(6):1833.

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](#)