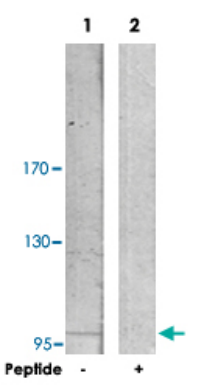
ACTN3 polyclonal antibody

Catalog # PAB17481 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from HT-29 cells, using ACTN3 polyclonal antibody (Cat # PAB17481).
Peptide "+" means "with peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ACTN3.
Immunogen	A synthetic peptide corresponding to N-terminus of human ACTN3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody detects endogenous levels of total ACTN3 protein.
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Cell lysate)

  Western blot analysis of extracts from HT-29 cells, using ACTN3 polyclonal antibody (Cat # PAB17481). Peptide "+" means "with peptide blocking".

Gene Info — ACTN3

Entrez GeneID	89
Protein Accession#	Q08043
Gene Name	ACTN3
Gene Alias	MGC117002, MGC117005
Gene Description	actinin, alpha 3
Omim ID	102574
Gene Ontology	Hyperlink
Gene Summary	Alpha-actinin is an actin-binding protein with multiple roles in different cell types. This gene expres sion is limited to skeletal muscle. It is localized to the Z-disc and analogous dense bodies, where i t helps to anchor the myofibrillar actin filaments [provided by RefSeq
Other Designations	-

Pathway

- Adherens junction
- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Focal adhesion
- Leukocyte transendothelial migration

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- Regulation of actin cytoskeleton
- Systemic lupus erythematosus
- Tight junction

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glycogen Storage Disease Type V
- Metabolic Syndrome X
- Neoplasms
- Obesity
- Osteoporosis
- Rhabdomyolysis
- Sarcopenia
- Task Performance and Analysis

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