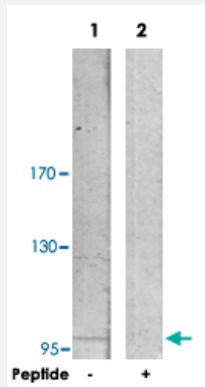


ACTN3 polyclonal antibody

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.

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

- Enzyme-linked Immunoabsorbent Assay

Gene Info — ACTN3

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

- [Adherens junction](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)

- [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](#)