

Datasheet for ABIN1534248
anti-ACTN3 antibody (AA 1-50)



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1 Image

Overview

Quantity:	100 µL
Target:	ACTN3
Binding Specificity:	AA 1-50
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ACTN3.
Isotype:	IgG
Specificity:	ACTN3 Antibody detects endogenous levels of total ACTN3 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	ACTN3
Alternative Name:	ACTN3 (ACTN3 Products)
Background:	Synonyms: Alpha-actinin-3, Alpha-actinin skeletal muscle isoform 3, F-actin cross-linking

Target Details

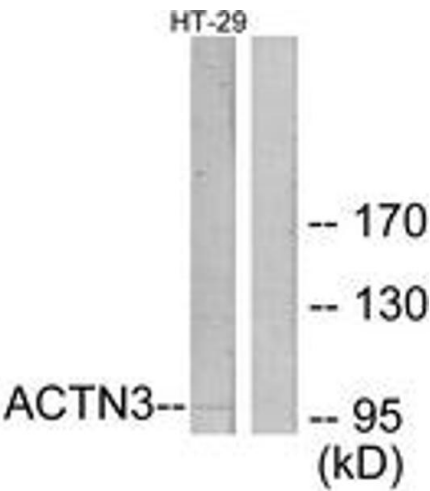
	protein, ACTN3 NCBI Gene Symbol: ACTN3
Molecular Weight:	103 kDa
Gene ID:	89
OMIM:	102574
UniProt:	Q08043
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:20000
Comment:	Unigene-Number: Hs.654432 (NCBI Gene Symbol: ACTN3)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HT-29 cells, using ACTN3 Antibody. The lane on the right is treated with the synthesized peptide.