

Datasheet for ABIN6942040

anti-Actin antibody (AA 3-100) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Actin
Binding Specificity:	AA 3-100
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Actin antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ACTA1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Actin
Abstract:	Actin Products

Target Details

Background:	<p>Synonyms: muscle Actin, ACTS_HUMAN, Actin, alpha skeletal muscle, Alpha-actin-1, ACTA1, ACTA, ASMA, CFTD, CFTD1, CFTDM, MPFD, NEM1, NEM2, NEM3, Actin alpha skeletal muscle, actin, alpha 1, skeletal muscle 1, actin, alpha 1, skeletal muscle, actina, aktin, alpha Actin 1, alpha skeletal muscle Actin, alpha skeletal muscle, alpha-actin, Beta cytoskeletal actin, nemaline myopathy type 3.</p> <p>Background: The product encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Mutations in this gene cause nemaline myopathy type 3, congenital myopathy with excess of thin myofilaments, congenital myopathy with cores, and congenital myopathy with fiber-type disproportion, diseases that lead to muscle fiber defects. [provided by RefSeq, Jul 2008]</p>
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Gene ID:	58
UniProt:	P68133

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.

Handling

Expiry Date: 12 months