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Datasheet for ABIN7184408  
**anti-ACTN1 antibody (N-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	ACTN1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human ACTN1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

### Target Details

Target:	ACTN1
Alternative Name:	ACTN1 ( <a href="#">ACTN1 Products</a> )
Background:	Background: F-actin cross-linking protein which is thought to anchor actin to a variety of

## Target Details

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intracellular structures. This is a bundling protein.

Millake D.B., Nucleic Acids Res. 17:6725-6725(1989).

Youssoufian H., Am. J. Hum. Genet. 47:62-71(1990).

Thorsen K., Mol. Cell. Proteomics 7:1214-1224(2008).

Aliases: actinin 1 smooth muscle antibody, Actinin alpha 1 antibody, actinin, alpha 1 antibody, ACTN 1 antibody, Actn1 antibody, ACTN1\_HUMAN antibody, Alpha Actinin 1 antibody, Alpha actinin cytoskeletal isoform antibody, Alpha-actinin cytoskeletal isoform antibody, Alpha-actinin-1 antibody, BDPLT15 antibody, F actin cross linking protein antibody, F-actin cross-linking protein antibody, FLJ40884 antibody, FLJ54432 antibody, Non muscle alpha actinin 1 antibody, Non-muscle alpha-actinin-1 antibody

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UniProt: [P12814](#)

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Pathways: [Cell-Cell Junction Organization](#)

## Application Details

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Application Notes: WB:1:500-1:3000,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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Preservative: Sodium azide

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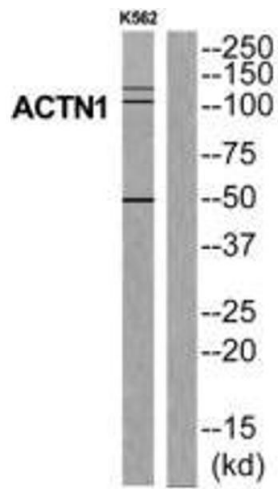
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Western Blotting

**Image 1.** Western blot analysis of extracts from K562 cells, using ACTN1 antibody.