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anti-ACTN2 antibody (AA 1-301)





Overview

Quantity:	100 μL
Target:	ACTN2
Binding Specificity:	AA 1-301
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Alpha-actinin-2 protein (1-301AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	ACTN2
Alternative Name:	ACTN2 (ACTN2 Products)
Background:	Background: F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.

Target Details

Aliases: Actin binding protein antibody, Actinin alpha 2 antibody, ACTN 2 antibody, ACTN2 antibody, ACTN2_HUMAN antibody, Alpha actinin 2 antibody, Alpha actinin skeletal muscle antibody, Alpha actinin skeletal muscle isoform 2 antibody, Alpha-actinin skeletal muscle isoform 2 antibody, Alpha-actinin-2 antibody, CMD1AA antibody, F actin cross linking protein antibody, F-actin cross-linking protein antibody

UniProt: P35609

Pathways: Cell-Cell Junction Organization, Skeletal Muscle Fiber Development, Negative Regulation of

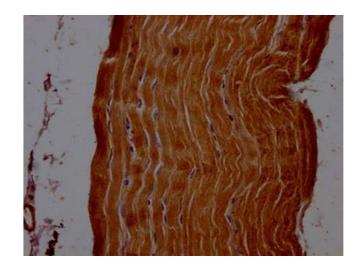
Transporter Activity

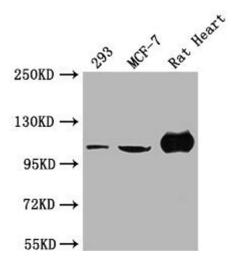
Application Details

Application Notes:	Recommended dilution: WB:1:1000-1:5000, IHC:1:100-1:500,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunohistochemistry

Image 1. IHC image of ABIN7143815 diluted at 1:200 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05 % DAB.

Western Blotting

Image 2. Western Blot Positive WB detected in: 293 whole cell lysate, MCF-7 whole cell lysate, Rat Heart tissue All lanes: ACTN2 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 104 kDa Observed band size: 104 kDa