

Datasheet for ABIN7143128
anti-Actin antibody (AA 3-377)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	Actin (ACTA1)
Binding Specificity:	AA 3-377
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Actin, alpha skeletal muscle protein (3-377AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	Actin (ACTA1)
Alternative Name:	ACTA1 (ACTA1 Products)
Background:	<p>Background: Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.</p> <p>Aliases: a actin antibody, ACTA antibody, ACTA1 antibody, ACTA2 antibody, ACTC antibody, ACTC1 antibody, Actin antibody, ACTS_HUMAN antibody, ACTSA antibody, Alpha 2 actin</p>

Target Details

antibody, alpha skeletal muscle antibody, Alpha-actin-1 antibody, Cardiac muscle alpha actin 1 antibody, Skeletal muscle alpha actin 1 antibody

UniProt: [P68133](#)

Pathways: [Caspase Cascade in Apoptosis](#), [Myometrial Relaxation and Contraction](#), [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

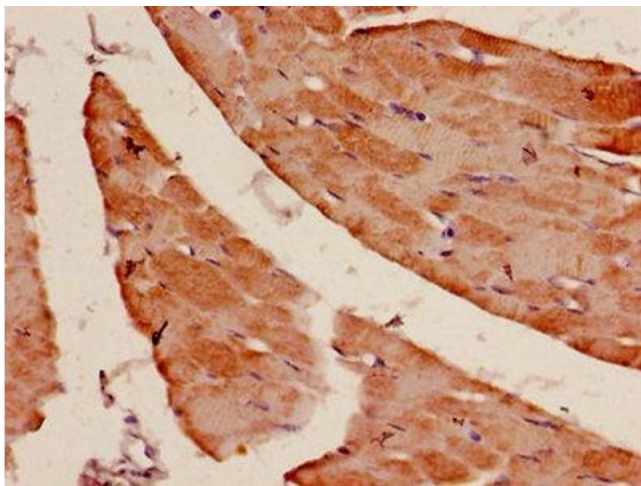
Preservative: ProClin

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

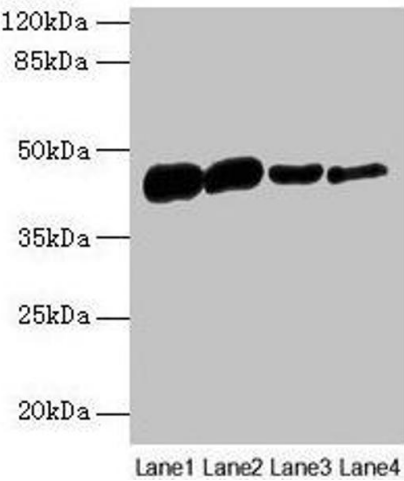
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



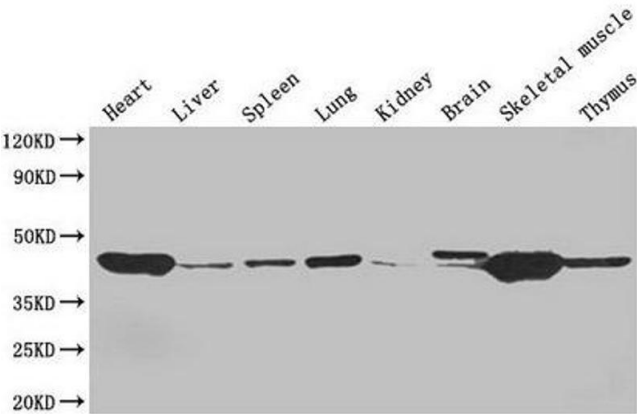
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using ABIN7143128 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: ACTA1 antibody at 16 μ g/mL Lane 1: Rat heart tissue Lane 2: Mouse skeletal muscle tissue Lane 3: Human placenta tissue Lane 4: CEM whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 43 kDa Observed band size: 43 kDa



Western Blotting

Image 3. Western Blot Positive WB detected in: Mouse heart tissue, Mouse liver tissue, Mouse spleen tissue, Mouse lung tissue, Mouse kidney tissue, Mouse brain tissue, Mouse skeletal muscle tissue, Mouse thymus tissue All lanes: ACTA1 antibody at 4 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 43 kDa Observed band size: 43 kDa

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7143128.