

# a-actinin-1 protein

CatalogNo: YD0128

# **| Key Features**

Reactivity Applications
• Human • WB,SDS-PAGE

## Storage

**Storage\*** -20°C/6 month,-80°C for long storage

**Formulation** Liquid in PBS

#### **Recommended Dilution Ratios**

WB 1:500-2000

## **Basic Information**

Source E.coli

**Purification** E.coli

**Purity** SDS-PAGE >90%

# Immunogen Information

**Squence** Amino acid: 1-205, with his-MBP tag.

# | Target Information

**Gene name** ACTN2

#### **Protein Name** a-actini

a-actinin-1 protein

Organism	Gene ID	UniProt ID
Human	<u>88</u> ;	<u>P12814;</u>
Mouse		<u>Q9JI91</u> ;
Rat		Q9Z1P2;

Cellular Localization Cytoplasm, myofibril, sarcomere, Z line . Colocalizes with MYOZ1 and FLNC at the Z-lines of skeletal muscle.

**Tissue specificity** Expressed in both skeletal and cardiac muscle.

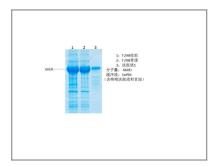
**Function** 

muscle system process, protein complex assembly, muscle contraction, cell-substrate junction assembly, cell adhesion, cell-matrix adhesion, regulation of cell death, biological adhesion, cell projection organization, cell projection assembly, microspike assembly, cell-substrate adhesion, cell junction assembly, cell junction organization, regulation of apoptosis, regulation of programmed cell death, macromolecular complex subunit organization, focal adhesion formation, protein oligomerization, protein

homooligomerization, protein tetramerization, protein homotetramerization, macromolecular

complex assembly, protein complex biogenesis,

#### **Validation Data**



### Contact information

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Please scan the QR code to access additional product information: **a-actinin-1 protein**