

a-actinin-1 protein

CatalogNo: YD0128

Key Features

Reactivity

- Human

Storage

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

Formulation Liquid in PBS

Recommended Dilution Ratios

Basic Information

Source E.coli

Purification E.coli

Purity SDS-PAGE >90%

Immunogen Information

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

Target Information

Gene name ACTN2

Protein Name

a-actinin-1 protein

Organism	Gene ID	UniProt ID
Human	88;	P12814;
Mouse		Q9JI91;
Rat		Q9Z1P2;

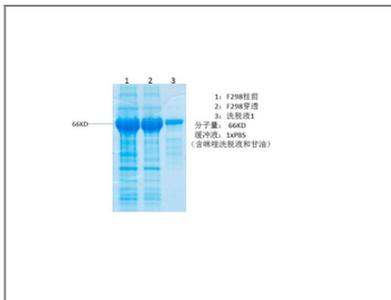
Cellular Localization

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

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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