

a-actinin-1 protein

Catalog No :	YD0128
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	ACTN2
Protein Name :	a-actinin-1 protein
Sequence :	Amino acid: 1-205, with his-MBP tag.
Human Gene Id :	88
Human Swiss Prot No :	P12814
Mouse Swiss Prot No :	Q9JI91
Rat Swiss Prot No :	Q9Z1P2
Formulation :	Liquid in PBS
Source :	E.coli
Dilution :	WB 1:500-2000
Concentration :	SDS-PAGE >90%
Storage Stability :	-20°C/6 month, -80°C for long storage
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,

**Subcellular
Location :**

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

Expression :

Expressed in both skeletal and cardiac muscle.

Products Images

