

Actinin- α 1 Polyclonal Antibody
Catalog # AP63585**Specification**

Actinin- α 1 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P12814
Reactivity	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

Actinin- α 1 Polyclonal Antibody - Additional Information**Gene ID** 87**Other Names**

ACTN1; Alpha-actinin-1; Alpha-actinin cytoskeletal isoform; F-actin cross-linking protein; Non-muscle alpha-actinin-1

DilutionWB~~WB: 1:1000-2000 IHC: 1:200-500
IHC-P~~N/A**Format**

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

Storage Conditions

-20°C

Actinin- α 1 Polyclonal Antibody - Protein Information**Name** ACTN1**Function**

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. Association with IGSF8 regulates the immune synapse formation and is required for efficient T- cell activation (PubMed:22689882).

Cellular Location

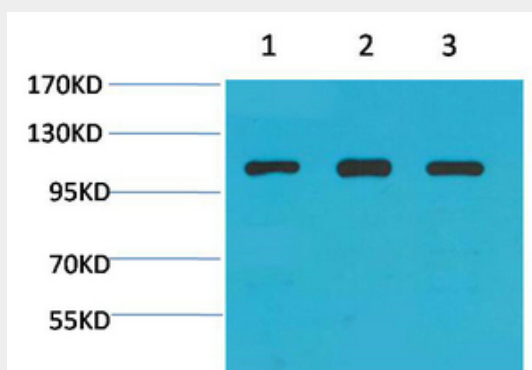
Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line. Cell membrane. Cell junction {ECO:0000250|UniProtKB:Q9Z1P2}. Cell projection, ruffle {ECO:0000250|UniProtKB:Q7TPR4}. Note=Colocalizes with MYOZ2 and PPP3CA at the Z-line of heart and skeletal muscle. Colocalizes with PSD in membrane ruffles and central reticular structures {ECO:0000250|UniProtKB:Q7TPR4}

Actinin- α 1 Polyclonal Antibody - Protocols

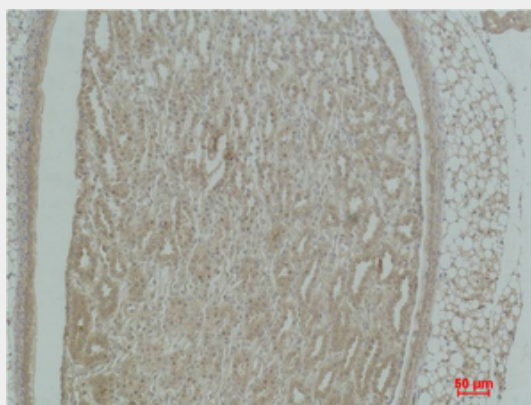
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Actinin- α 1 Polyclonal Antibody - Images



Western blot analysis of 1) 3T3, 2) PC12, 3) Rat Heart Tissue using Actinin- α 1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using Actinin- α 1 Polyclonal Antibody.

Actinin- α 1 Polyclonal Antibody - Background

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.