

**ACTA1 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14594**

**Specification**

---

**ACTA1 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">P68133</a>
Other Accession	<a href="#">NM_001100</a> , <a href="#">NP_001091</a>
Reactivity	Human, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Predicted	Human, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

**ACTA1 antibody - N-terminal region - Additional Information**

**Gene ID 58**

Alias Symbol **ACTA, ASMA, CFTD, CFTD1, CFTDM, MPFD, NEM1, NEM2, NEM3**

**Other Names**

Actin, alpha skeletal muscle, Alpha-actin-1, ACTA1, ACTA

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-ACTA1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

ACTA1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**ACTA1 antibody - N-terminal region - Protein Information**

**Name** ACTA1

**Synonyms** ACTA

**Function**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

**Cellular Location**

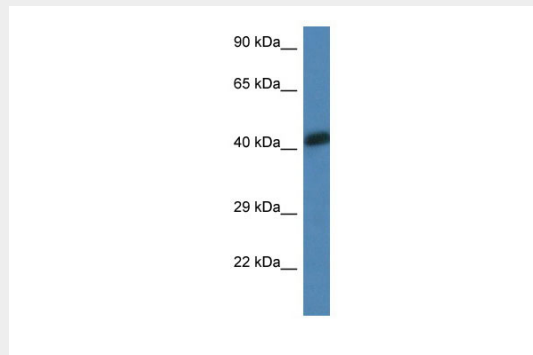
Cytoplasm, cytoskeleton.

### ACTA1 antibody - N-terminal region - Protocols

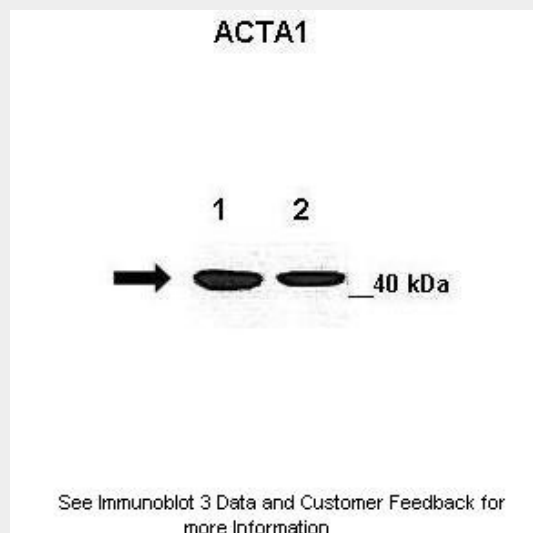
Provided below are standard protocols that you may find useful for product applications.

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

### ACTA1 antibody - N-terminal region - Images



WB Suggested Anti-ACTA1 Antibody Titration: 1.0 µg/ml  
Positive Control: THP-1 Whole Cell



Lanes: Lane 1: 20ug mouse GL261 cell lysate  
Lane 2: 20ug mouse astrocyte cell lysate

Primary Antibody Dilution: 1:500  
Secondary Antibody: Anti-rabbit-HRP

Secondary Antibody Dilution: 1:500

Gene Name: ACTA1

Submitted by: Anonymous

#### **ACTA1 antibody - N-terminal region - References**

Hanauer A., et al. Nucleic Acids Res. 11:3503-3516(1983).

Taylor A., et al. Genomics 3:323-336(1988).

Nowak K.J., et al. Nat. Genet. 23:208-212(1999).

Ebert L., et al. Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.

Gregory S.G., et al. Nature 441:315-321(2006).