

ACTA1 / ASMA Antibody
Rabbit Polyclonal Antibody
Catalog # ALS13237**Specification**

ACTA1 / ASMA Antibody - Product Information

Application	WB, IHC
Primary Accession	P68133
Reactivity	Human, Zebrafish, Fish
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42kDa KDa

ACTA1 / ASMA Antibody - Additional Information**Gene ID** 58**Other Names**

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

Target/Specificity

Human and zebrafish alpha Actin (skeletal muscle). Predicted cross-reactivity based on amino acid sequence homology: bovine (100%).

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

ACTA1 / ASMA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ACTA1 / ASMA Antibody - 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.

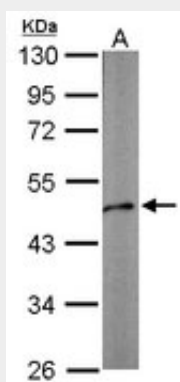
Volume

50 µl

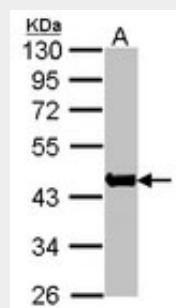
ACTA1 / ASMA Antibody - Protocols

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

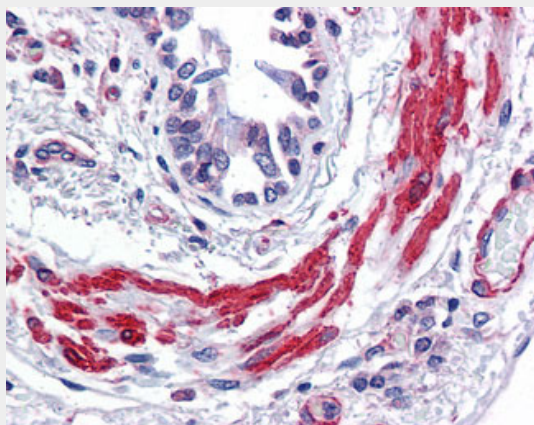
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ACTA1 / ASMA Antibody - Images

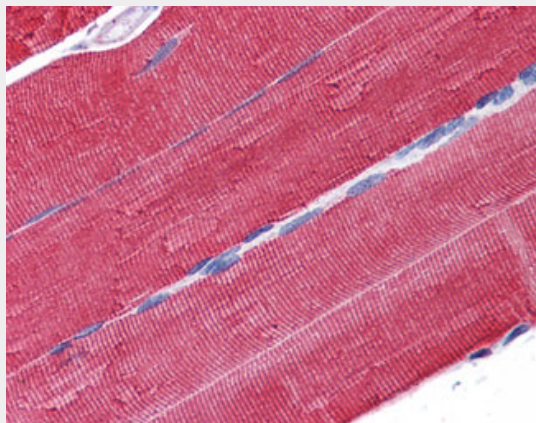
Sample (10 ug of whole cell lysate).



Sample(30 g of whole cell lysate). A: Raji. 10% SDS PAGE. ACTA1 antibody diluted at 1:1000.



Anti-ACTA1 / ASMA antibody IHC of human lung, bronchial smooth muscle.



Anti-ACTA1 / ASMA antibody IHC of human skeletal muscle.

ACTA1 / ASMA Antibody - Background

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

ACTA1 / ASMA Antibody - 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).