

Anti-Alpha-actin-1 Antibody

Mouse monoclonal antibody to Alpha-actin-1

Catalog # AP61565

Product Information

Application	WB, IP, IHC
Primary Accession	P68133
Other Accession	P68134
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	42051

Additional Information

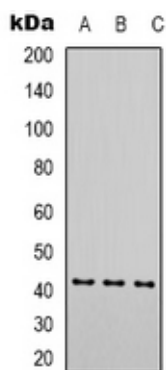
Gene ID	58
Other Names	ACTA; Actin alpha skeletal muscle; Alpha-actin-1
Target/Specificity	Recognizes endogenous levels of Alpha-actin-1 protein.
Dilution	WB~~WB (1/5000 - 1/10000), IHC (1/200 - 1/500), IP (1/100 - 1/200) IP~~WB (1/5000 - 1/10000), IHC (1/200 - 1/500), IP (1/100 - 1/200) IHC~~WB (1/5000 - 1/10000), IHC (1/200 - 1/500), IP (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

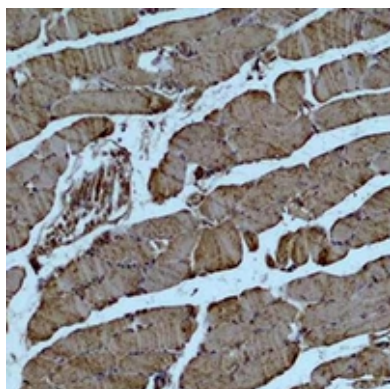
Name	ACTA1
Synonyms	ACTA
Function	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
Cellular Location	Cytoplasm, cytoskeleton.

Background

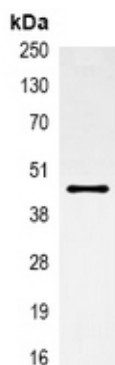
KLH-conjugated synthetic peptide encompassing a sequence of human Alpha-actin-1. The exact sequence is proprietary.



Western blot analysis of Alpha-actin-1 expression in HeLa (A), mouse brain (B), rat brain (C) whole cell lysates.



Immunohistochemical analysis of Alpha-actin-1 staining in mouse skeletal muscle formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunoprecipitation of Alpha-actin-1 from 0.5mg mouse brain whole cell extract lysate, using Anti-Alpha-actin-1 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.