

ACTN2 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20894a**Specification**

ACTN2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	P35609 , Q9JI91
Other Accession	P20111 , Q3ZC55 , P35609 , Q9JI91
Reactivity	Human, Mouse
Predicted	Bovine, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

ACTN2 Antibody (Center) - Additional Information**Other Names**

Alpha-actinin-2, Alpha-actinin skeletal muscle isoform 2, F-actin cross-linking protein, ACTN2

Target/Specificity

This ACTN2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 352-386 amino acids from the Central region of human ACTN2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

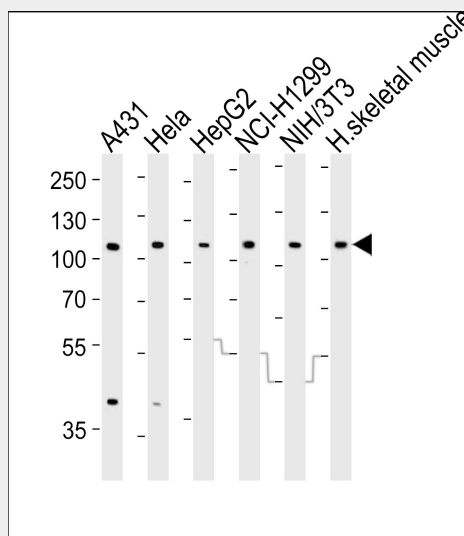
ACTN2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

ACTN2 Antibody (Center) - Protein Information**ACTN2 Antibody (Center) - 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](#)

ACTN2 Antibody (Center) - Images



Western blot analysis of lysates from A431, HeLa, HepG2, NCI-H1299, mouse NIH/3T3 cell line, human skeletal muscle tissue lysate (from left to right), using ACTN2 Antibody (Center) (Cat. #AP20894a). AP20894a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ACTN2 Antibody (Center) - Background

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

ACTN2 Antibody (Center) - References

- Beggs A.H.,et al.J. Biol. Chem. 267:9281-9288(1992).
Tiso N.,et al.Biochem. Biophys. Res. Commun. 265:256-259(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Faulkner G.,et al.J. Cell Biol. 146:465-475(1999).