

ACTL9 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17368a**Specification**

ACTL9 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q8TC94
Other Accession	NP_848620.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	45516
Antigen Region	23-50

ACTL9 Antibody (N-term) - Additional Information**Gene ID** 284382**Other Names**

Actin-like protein 9, ACTL9, ACTL7C

Target/Specificity

This ACTL9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-50 amino acids from the N-terminal region of human ACTL9.

Dilution

WB~~1:1000

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

ACTL9 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ACTL9 Antibody (N-term) - Protein Information**Name** ACTL9 ([HGNC:28494](#))**Synonyms** ACTL7C

Function Testis-specific protein that plays an important role in fusion of proacrosomal vesicles and perinuclear theca formation.

Cellular Location

Cytoplasmic vesicle, secretory vesicle, acrosome. Cytoplasm, cytoskeleton, perinuclear theca.

Note=Localizes predominantly in the equatorial segment of the sperm head and neck regions, with some localization in the acrosomal segment of the head. Colocalizes in the acrosomal and equatorial segments of sperm with ACTL7A. Colocalizes with PLCZ1 in the equatorial segment of the head of capacitated sperm

Tissue Location

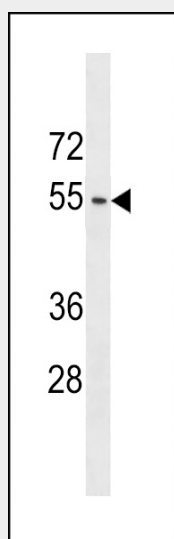
Testis-specific..

ACTL9 Antibody (N-term) - 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](#)

ACTL9 Antibody (N-term) - Images



ACTL9 Antibody (N-term) (Cat. #AP17368a) western blot analysis in A2058 cell line lysates (35ug/lane). This demonstrates the ACTL9 antibody detected the ACTL9 protein (arrow).

ACTL9 Antibody (N-term) - Background

The specific function of this protein remains unknown.

ACTL9 Antibody (N-term) - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)