10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ACTL9 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17368a

Product Information

Application	WB, E
Primary Accession	Q8TC94
Other Accession	NP_848620.2
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37813
Calculated MW	45516
Antigen Region	23-50

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

Protein Information

Name	ACTL9 (HGNC:28494)
Synonyms	ACTL7C
Function	Testis-specic 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..

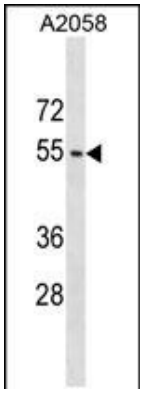
Background

The specific function of this protein remains unknown.

References

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

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).

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