

For Research Use Only

# AKAP8L Polyclonal antibody

Catalog Number: 10103-1-AP

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 10103-1-AP	<b>GenBank Accession Number:</b> BC000713	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 26993	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> A kinase (PRKA) anchor protein 8-like	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 72 kDa	
<b>Immunogen Catalog Number:</b> AG0145	<b>Observed MW:</b> 72 kDa	

## Applications

<b>Tested Applications:</b> IF, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> PC-3 cells,
<b>Species Specificity:</b> human	<b>IF :</b> HEK-293 cells,
<b>Cited Species:</b> human	

## Background Information

AKAP8L, also named as NAKAP, or NAKAP95, is a 646 amino acid protein, which contains two C2H2 AKAP95-type zinc fingers and belongs to the AKAP95 family. AKAP8L localizes in the nucleus matrix and is expressed in the brain cortex. AKAP8L could play a role in constitutive transport element (CTE)-mediated gene expression. AKAP8L may be involved in nuclear envelope breakdown and chromatin condensation. It also may regulate the initiation phase of DNA replication when associated with TMPO-beta.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tanzina Tanu	34470577	RNA Biol	WB
Li Xing	25034436	Retrovirology	WB

## Storage

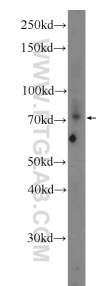
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

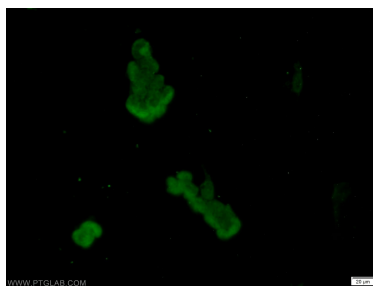
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



PC-3 cells were subjected to SDS PAGE followed by western blot with 10103-1-AP (AKAP8L Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 10103-1-AP (AKAP8L antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).