



Datasheet for ABIN7258148

## anti-AKAP4 antibody



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### 3 Images

#### Overview

Quantity:	200 µL
Target:	AKAP4
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

#### Product Details

Immunogen:	Recombinant fusion protein of human AKAP4 (NP_003877.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### Target Details

Target:	AKAP4
Alternative Name:	AKAP4 ( <a href="#">AKAP4 Products</a> )
Background:	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is localized to the sperm flagellum and may be involved

## Target Details

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in the regulation of sperm motility. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

Molecular Weight: Observed\_MW: 82 kDa  
Calculated\_MW: 93 kDa/94 kDa

Gene ID: 8852

UniProt: [Q5JQC9](#)

## Application Details

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Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

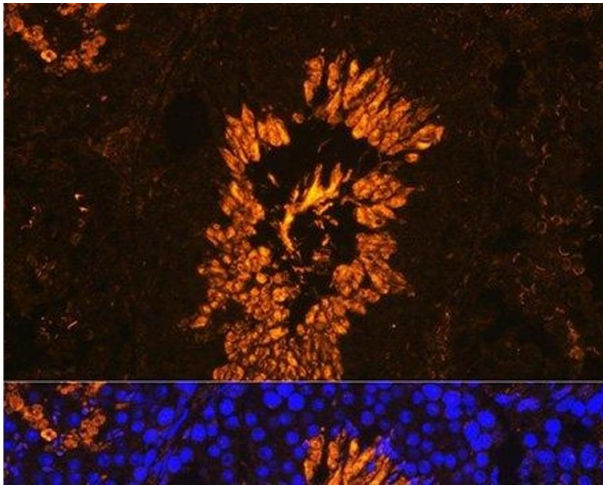
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

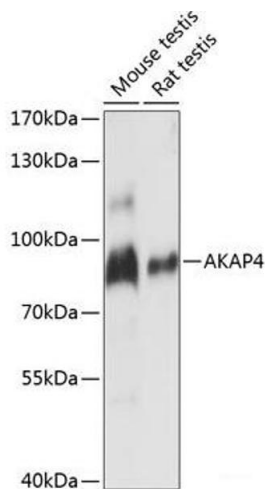
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



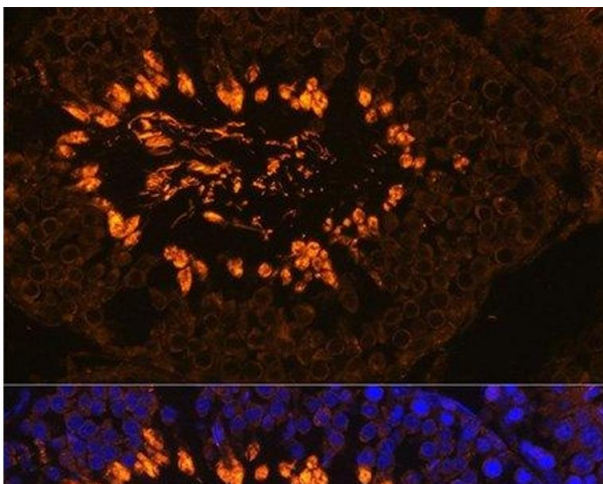
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of Mouse testis using AKAP4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using AKAP4 Polyclonal Antibody at dilution of 1:1000.



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of Rat testis using AKAP4 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.