ProSci Incorporated
12170 Flint Place
Poway, CA 92064, USA
prosci-inc.com

P: +1 (888) 513-9525
Local: +1 (858) 513-2638
Fax: +1 (858) 513-2692

customercare@prosci-inc.com
techsupport@prosci-inc.com

AKAP4 Antibody

CATALOG NUMBER: 7961

Specifications

|	
Host Species	Rabbit
Species Reactivity	Human
Homology	Predicted species reactivity based on immunogen sequence: Rat: (94%), Mouse: (88%)
Immunogen	AKAP4 antibody was raised against a 17 amino acid peptide near the amino terminus of human AKAP4. The immunogen is located within the first 50 amino acids of AKAP4.
Conjugate	Unconjugated
Tested Applications	ELISA, IF, IHC-P, WB
User Note	Optimal dilutions for each application to be determined by the researcher.
Specificity	AKAP4 antibody is human specific. At least three isoforms are known to exist; this antibody will detect the two longest isoforms.
Predicted Molecular Weight	Predicted: 94 kDa Observed: 100 kDa

Properties

|	
Purification	AKAP4 antibody is affinity chromatography purified via peptide column.
Clonality	Polyclonal
Isotype	IgG
Physical State	Liquid
Buffer	AKAP4 antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL
Storage Conditions	AKAP4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
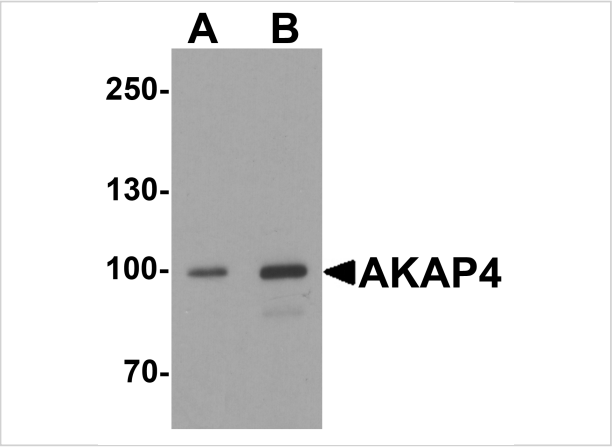
AKAP4 Antibody 1

Western blot analysis of AKAP4 in human testis tissue lysate with AKAP4 antibody at (A) 1 and (B) 2 µg/ml.
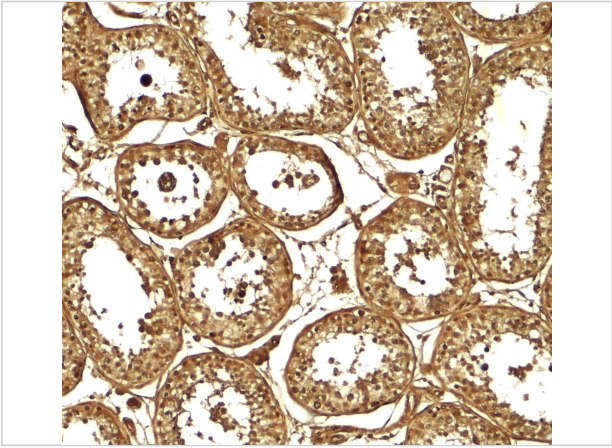
AKAP4 Antibody 2

Immunohistochemistry of AKAP4 in human testis tissue with AKAP4 antibody at 5 µg/ml.
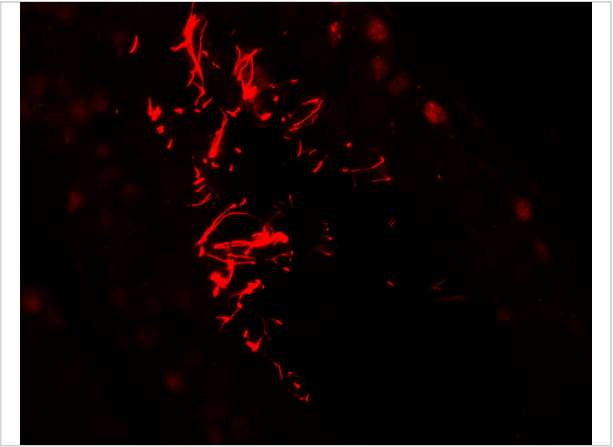
AKAP4 Antibody 3

Immunofluorescence of AKAP4 in human testis tissue with AKAP4 antibody at 20 µg/ml.

Disclaimer

Disclaimer	Optimal dilutions/concentrations should be determined by the end user. The information provided is a guideline for product use. This product is for research use only.