

GKAP1 Polyclonal antibody

Catalog Number: 11395-1-AP

Featured Product

1 Publications

Basic Information

Catalog Number:

11395-1-AP

GenBank Accession Number:

BC014476

Purification Method:

Antigen affinity purification

Size:

150ul, Concentration: 1000 µg/ml by Nanodrop and 453 µg/ml by Bradford method using BSA as the standard;

GeneID (NCBI):

80318

Recommended Dilutions:

WB 1:500-1:1000

Full Name:

G kinase anchoring protein 1

IHC 1:20-1:200

Source:

Rabbit

Calculated MW:

366 aa, 42 kDa

Isotype:

IgG

Observed MW:

45-50 kDa

Immunogen Catalog Number:

AG1914

Applications

Tested Applications:

IHC, WB, ELISA

Positive Controls:

WB: HEK-293 cells, mouse testis tissue

Cited Applications:

IF, IHC, WB

IHC: human cervical cancer tissue, human testis tissue

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

GKAP1, or GKAP42, is a novel male germ cell-specific 42-kDa protein isolated by Yuasa K et al. GKAP42 mRNA is specifically expressed in testis, where it is restricted to the spermatocytes and early round spermatids.

Notable Publications

Author	Pubmed ID	Journal	Application
Hanshu Wang	31318116	Mol Reprod Dev	WB, IF, IHC

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

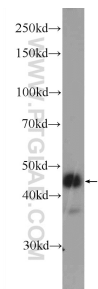
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

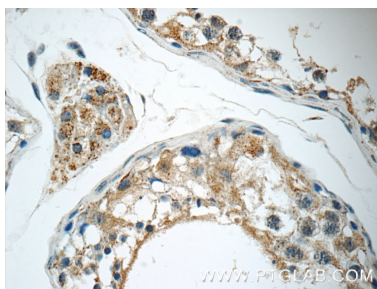
E: proteintech@ptglab.com
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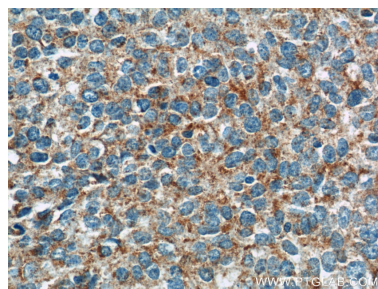
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11395-1-AP (GKAP1 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 11395-1-AP (GKAP1 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 11395-1-AP (GKAP1 Antibody) at dilution of 1:50 (under 40x lens).