

For Research Use Only

TBC1D21 Polyclonal antibody

Catalog Number: 17463-1-AP



Basic Information

Catalog Number:

17463-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11301

GenBank Accession Number:

BC033516

GeneID (NCBI):

161514

UNIPROT ID:

Q8IYX1

Full Name:

TBC1 domain family, member 21

Calculated MW:

336 aa, 39 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse testis tissue, rat testis tissue

Background Information

TBC1D21 genes (also known as male germ cell RAB GTPase-activating protein MGCRAAGAP) are related to sterility, as determined through cDNA microarray testing of human testicular tissues exhibiting spermatogenic defects. TBC1D21 is a protein specifically expressed in the testes that exhibits specific localizations of elongating and elongated spermatids during mammalian spermiogenesis.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

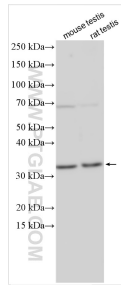
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17463-1-AP (TBC1D21 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.