

For Research Use Only

CCDC136 Polyclonal antibody

Catalog Number: 21351-1-AP



Basic Information

Catalog Number:

21351-1-AP

Size:

150ul, Concentration: 750 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15737

GenBank Accession Number:

BC109220

GeneID (NCBI):

64753

UNIPROT ID:

Q96JN2

Full Name:

coiled-coil domain containing 136

Calculated MW:

1154 aa, 134 kDa

Observed MW:

110 kDa, 134 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Species Specificity:

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

Positive Controls:

WB : human testis tissue,

IP : mouse testis tissue,

IHC : mouse testis tissue, mouse stomach tissue

Background Information

CCDC136 (also known as NAG6) is a coiled-coil domain containing protein described as a potential tumor suppressor in gastric cancer. CCDC136 protein was most abundantly located in the acrosome of round spermatids and elongating spermatids within seminiferous tubules of the adult mouse testis (PMID: 27076447).

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

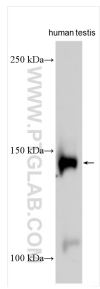
For technical support and original validation data for this product please contact:

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

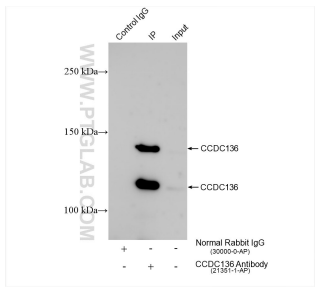
E: proteintech@ptglab.com
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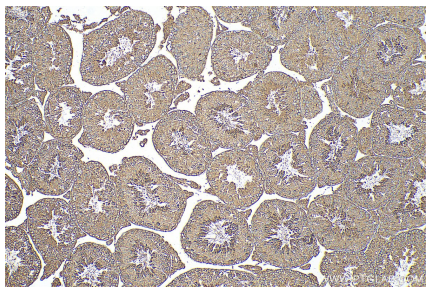
Selected Validation Data



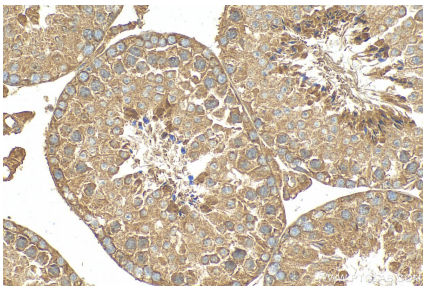
Various lysates were subjected to SDS PAGE followed by western blot with 21351-1-AP (CCDC136 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



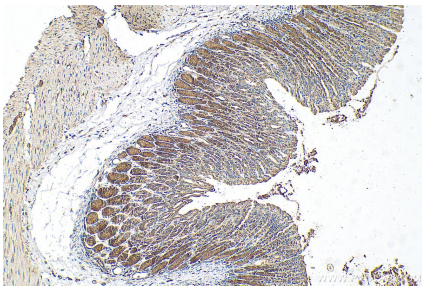
IP result of anti-CCDC136 (IP:21351-1-AP, 4ug; Detection:21351-1-AP 1:800) with mouse testis tissue lysate 1800 ug.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 21351-1-AP (CCDC136 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 21351-1-AP (CCDC136 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse stomach tissue slide using 21351-1-AP (CCDC136 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).