

For Research Use Only

DNAAF2 Polyclonal antibody

Catalog Number: 23228-1-AP



Basic Information

Catalog Number:

23228-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19741

GenBank Accession Number:

BC013322

GeneID (NCBI):

55172

UNIPROT ID:

Q9NVR5

Full Name:

chromosome 14 open reading frame
104

Calculated MW:

837 aa, 91 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB: 1:1000-1:5000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

Positive Controls:

WB: rat testis tissue,

Background Information

DNAAF2 (Dynein Axonemal Assembly Factor 2) is a cytoplasmic protein involved in the assembly and maturation of outer dynein arms (ODAs) in ciliary and flagellar axonemes. DNAAF2 cooperates with DNAAF1, DNAAF3, and other factors to mediate the transport of dynein precursors from the cytoplasm to the ciliary base, and promotes the proper folding and localization of dynein complexes at the axonemal assembly site. Mutations in the DNAAF2 gene cause primary ciliary dyskinesia (PCD), characterized by chronic respiratory tract infections, situs inversus, and male infertility, due to defective mucociliary clearance resulting from impaired ciliary motility.

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

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

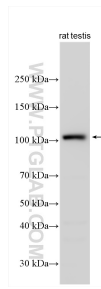
T: 4006900926

E: Proteintech-CN@ptglab.com

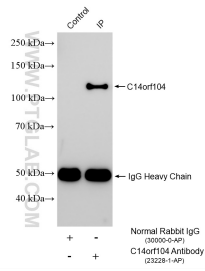
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23228-1-AP (C14orf104 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



IP result of anti-C14orf104 (IP:23228-1-AP, 4ug; Detection:23228-1-AP 1:3000) with rat testis tissue lysate 1800 ug.