

For Research Use Only

DNAAF2 Polyclonal antibody, PBS Only

Catalog Number: 23228-1-PBS



Basic Information

Catalog Number: 23228-1-PBS	GenBank Accession Number: BC013322	Purification Method: Antigen Affinity purified
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55172	
Source: Rabbit	UNIPROT ID: Q9NVR5	
Isotype: IgG	Full Name: chromosome 14 open reading frame 104	
Immunogen Catalog Number: AG19741	Calculated MW: 837 aa, 91 kDa	
	Observed MW: 100-110 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, rat

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

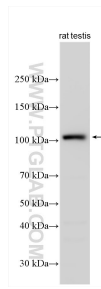
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

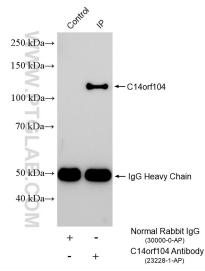
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23228-1-AP (C14orf104 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 23228-1-PBS in a different storage buffer formulation.



IP result of anti-C14orf104 (IP:23228-1-AP, 4ug; Detection:23228-1-AP 1:3000) with rat testis tissue lysate 1800 ug. This data was developed using the same antibody clone with 23228-1-PBS in a different storage buffer formulation.