

For Research Use Only

DNALI1 Polyclonal antibody

Catalog Number: 17601-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

17601-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11652

GenBank Accession Number:

BC046117

GeneID (NCBI):

7802

UNIPROT ID:

O14645

Full Name:

dynein, axonemal, light intermediate chain 1

Calculated MW:

258 aa, 30 kDa

Observed MW:

30-33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse testis tissue, rat testis tissue

IP : mouse testis tissue,

Background Information

DNALI1 belongs to the inner dynein arm light chain family and encodes a subunit of the light intermediate chain of inner dynein arms of the axoneme of sperm flagella (PMID: 36792588). DNALI1 promotes neurodegeneration after traumatic brain injury via inhibition of autophagosome-lysosome fusion (PMID: 38348540). Mutation in DNALI1 Causes Male Infertility with Severe Oligoasthenozoospermia in Humans (PMID: 38212584).

Notable Publications

Author	Pubmed ID	Journal	Application
Haruhiko Miyata	34526446	Exp Anim	WB
Yang Li	30811583	Clin Genet	IF
Xiang Wang	39503742	Elife	WB, IF

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

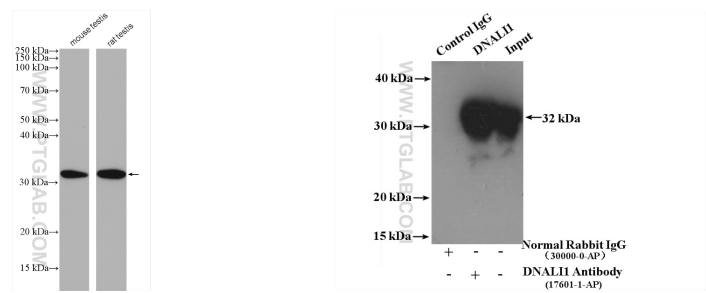
For technical support and original validation data for this product please contact:

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

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17601-1-AP (DNALI1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.

IP result of anti-DNALI1 (IP:17601-1-AP, 4ug; Detection:17601-1-AP 1:1000) with mouse testis tissue lysate 4000ug.