

DNAL1 Polyclonal antibody

Catalog Number: 15809-1-AP

Basic Information

Catalog Number:

15809-1-AP

Size:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8545

GenBank Accession Number:

BC005343

GeneID (NCBI):

83544

UNIPROT ID:

Q4LDG9

Full Name:

dynein, axonemal, light chain 1

Calculated MW:

151 aa, 17 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

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

Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, human brain tissue, mouse brain tissue, rat brain tissue

IP : HeLa cells,

Background Information

DNAL1 was originally documented as the Chlamydomonas outer arm dynein axonemal light chain 1. DNAL1 has been documented to link components of the cytoskeleton with the molecular motor dynein, perhaps acting as a scaffold for larger functional structures (PMID: 22018492).

Storage

Storage:

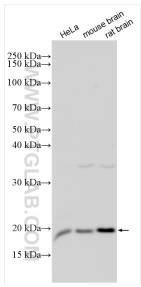
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

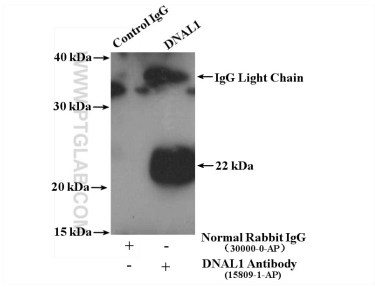
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

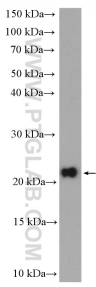
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15809-1-AP (DNAL1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-DNAL1 (IP:15809-1-AP, 4ug; Detection:15809-1-AP 1:500) with HeLa cells lysate 2600 ug.



HeLa cells were subjected to SDS PAGE followed by western blot with 15809-1-AP (DNAL1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.