## For Research Use Only

## **DNAL1** Polyclonal antibody

Catalog Number: 15809-1-AP



**Basic Information** 

Catalog Number:

GenBank Accession Number: BC005343

dynein, axonemal, light chain 1

Antigen affinity purification

15809-1-AP Size:

GeneID (NCBI): 83544

Recommended Dilutions: WB 1:1000-1:8000

**Purification Method:** 

550 μg/ml Source:

**UNIPROT ID:** Q4LDG9

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

Rabbit Isotype:

Full Name:

protein lysate

Calculated MW:

Immunogen Catalog Number: AG8545 151 aa, 17 kDa

Observed MW:

22 kDa

**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

**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).

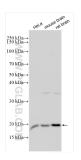
Storage

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

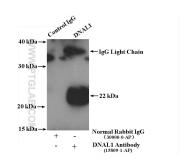
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

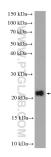
## **Selected Validation Data**



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.