

For Research Use Only

DNAL1 Polyclonal antibody

Catalog Number: 15809-1-AP



Basic Information

Catalog Number: 15809-1-AP	GenBank Accession Number: BC005343	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 160 µg/ml by Nanodrop and 153 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 83544	Recommended Dilutions: WB 1:1000-1:8000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
Source: Rabbit	Full Name: dynein, axonemal, light chain 1	
Isotype: IgG	Calculated MW: 151 aa, 17 kDa	
Immunogen Catalog Number: AG8545	Observed MW: 22 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

*** 20ul sizes contain 0.1% BSA

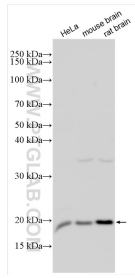
For technical support and original validation data for this product please contact:

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

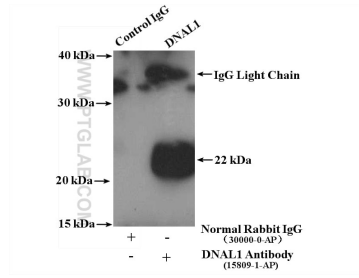
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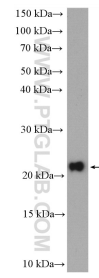
Selected Validation Data



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.