

For Research Use Only

DNALI1 Recombinant antibody, PBS Only

Catalog Number: 85734-1-PBS



Basic Information

Catalog Number: 85734-1-PBS	GenBank Accession Number: BC046117	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 7802	CloneNo.: 243157E4
Source: Rabbit	UNIPROT ID: O14645	
Isotype: IgG	Full Name: dynein, axonemal, light intermediate chain 1	
Immunogen Catalog Number: AG11652	Calculated MW: 258 aa, 30 kDa	
	Observed MW: 30-33 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

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 Oligoasthenoteratozoospermia in Humans (PMID: 38212584).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

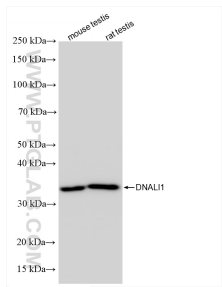
T: 4006900926

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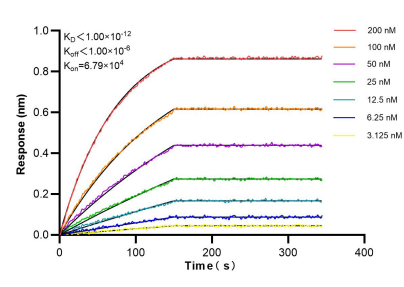
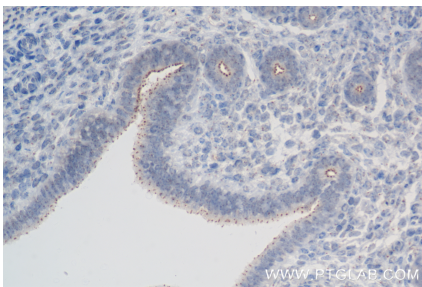
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85734-1-RR (DNALI1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85734-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85734-1-RR against Human DNALI1 were performed. The affinity constant is below 1 pM.