

For Research Use Only

DYX1C1 Polyclonal antibody

Catalog Number: 14522-1-AP

Featured Product

5 Publications



Basic Information

Catalog Number: 14522-1-AP	GenBank Accession Number: BC062564	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop and 307 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 161582	Recommended Dilutions: WB 1:1000-1:6000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: dyslexia susceptibility 1 candidate 1	
Isotype: IgG	Calculated MW: 49 kDa	
Immunogen Catalog Number: AG5997	Observed MW: 48 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : rat testis tissue, mouse testis tissue IP : mouse testis tissue,
Cited Applications: IF, IHC, IP, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

Background Information

DYX1C1 initially was described as the first candidate gene for developmental dyslexia. The protein contains three TPR motifs and one p23 domain, all commonly known for their protein-protein interactions. It also has been linked to neuronal migration. Recently it has been reported that the expression of DYX1C1 protein is lost in breast cancer and patients who have lost DYX1C1 expression have a poor overall survival, indicating that DYX1C1 is a potential prognostic biomarker in breast cancer.

Notable Publications

Author	Pubmed ID	Journal	Application
Kristina Tammimies	23036959	Biol Psychiatry	IF
Rosin Gustaf G	22375924	BMC Cancer	IHC
Andrea Bieder	37237337	BMC Mol Cell Biol	WB,IP

Storage

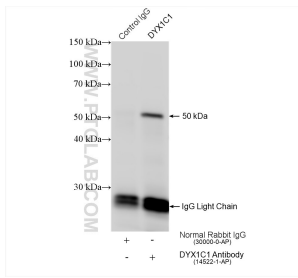
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

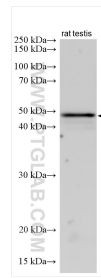
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



IP result of anti-DYX1C1(IP:14522-1-AP, 4ug;
Detection:14522-1-AP 1:800) with mouse testis
tissue lysate 1120 ug.



rat testis tissue were subjected to SDS PAGE
followed by western blot with 14522-1-AP (DYX1C1
antibody) at dilution of 1:3000 incubated at room
temperature for 1.5 hours.