

For Research Use Only

DYX1C1 Polyclonal antibody

Catalog Number: 14522-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

14522-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 307 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5997

GenBank Accession Number:

BC062564

GeneID (NCBI):

161582

UNIPROT ID:

Q8WXU2

Full Name:

dyslexia susceptibility 1 candidate 1

Calculated MW:

49 kDa

Observed MW:

48 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : rat testis tissue, mouse testis tissue

IP : mouse testis tissue,

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
Kazumasa Zensho	39939521	Pediatr Res	IHC

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

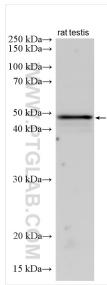
For technical support and original validation data for this product please contact:

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

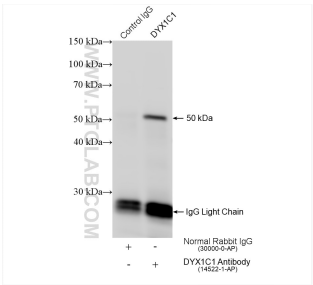
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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