

For Research Use Only

DMXL2 Polyclonal antibody

Catalog Number: 24415-1-AP

2 Publications



Basic Information

Catalog Number:

24415-1-AP

Size:

150ul , Concentration: 450 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19720

GenBank Accession Number:

BC140781

GeneID (NCBI):

23312

UNIPROT ID:

Q8TDJ6

Full Name:

Dmx-like 2

Calculated MW:

3036 aa, 340 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:

IP, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IP : mouse brain tissue,

IHC : human cerebellum tissue, human kidney tissue

Background Information

DMXL2, also named as rabconnectin-3, is a functional regulator of mammalian notch signaling with WD domains. Rabconnectin-3 is abundantly expressed in the brain where it is enriched in the synaptic vesicle fraction. Immunofluorescence and immunoelectron microscopy revealed that rabconnectin-3 was concentrated on synaptic vesicles at synapses. It may serve as a scaffold molecule for both Rab3 GEP and GAP on synaptic vesicles. In western blotting, we got 340 kDa and 104 kDa in mouse tissues. The two bands may represent different isoforms.

Notable Publications

Author	Pubmed ID	Journal	Application
Monica Faronato	26093085	Oncotarget	WB
Alessandro Esposito	31688942	Brain	WB

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

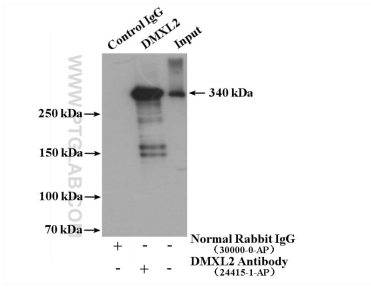
For technical support and original validation data for this product please contact:

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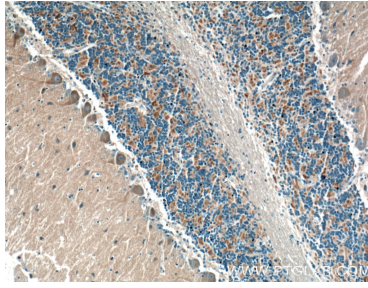
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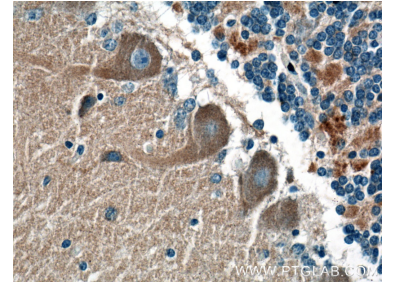
Selected Validation Data



IP result of anti-DMXL2 (IP:24415-1-AP, 4ug; Detection:24415-1-AP 1:300) with mouse brain tissue lysate 4000 ug.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 24415-1-AP (DMXL2 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cerebellum tissue slide using 24415-1-AP (DMXL2 antibody) at dilution of 1:200 (under 40x lens).