

For Research Use Only

DMXL2 Polyclonal antibody

Catalog Number: 24415-1-AP **2 Publications**



Basic Information

Catalog Number: 24415-1-AP	GenBank Accession Number: BC140781	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23312	Recommended Dilutions: IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8TDJ6	
Isotype: IgG	Full Name: Dmx-like 2	
Immunogen Catalog Number: AG19720	Calculated MW: 3036 aa, 340 kDa	

Applications

Tested Applications: IHC, IP, ELISA	Positive Controls: IP : mouse brain tissue, IHC : human cerebellum tissue, human kidney tissue
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	

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

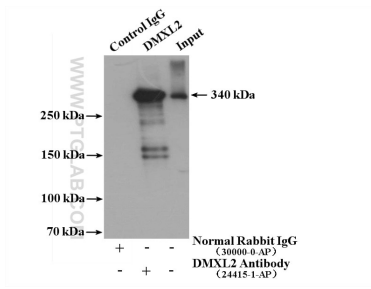
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

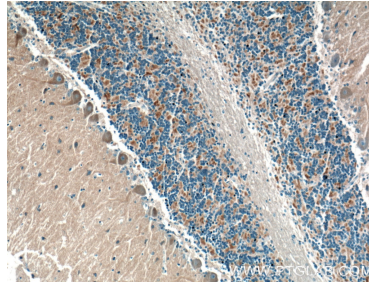
For technical support and original validation data for this product please contact:
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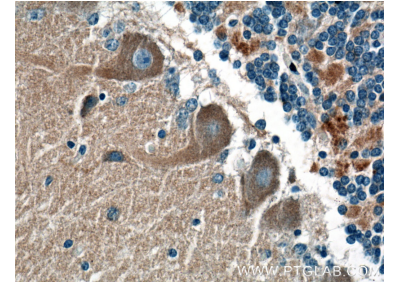
Selected Validation Data



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).