

For Research Use Only

# DMXL2 Polyclonal antibody

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



## Basic Information

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

## Applications

<b>Tested Applications:</b> IP, IHC, ELISA	<b>Positive Controls:</b> IP : mouse brain tissue, IHC : human cerebellum tissue, human kidney tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

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