

For Research Use Only

# MOXD1 Polyclonal antibody

Catalog Number: 29913-1-AP



## Basic Information

<b>Catalog Number:</b> 29913-1-AP	<b>GenBank Accession Number:</b> BC018756	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 490 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26002	<b>Recommended Dilutions:</b> WB: 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6UVY6	
<b>Isotype:</b> IgG	<b>Full Name:</b> monooxygenase, DBH-like 1	
<b>Immunogen Catalog Number:</b> AG30215	<b>Calculated MW:</b> 69 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse brain tissue, mouse kidney tissue
<b>Species Specificity:</b> human, mouse	

## Background Information

Monooxygenase DBH like 1 (MOXD1) is a member of the copper monooxygenase family, including dopamine monooxygenase (dopamine  $\beta$ -monooxygenase, DBM) and peptidylglycine  $\alpha$ -hydroxylating monooxygenase (PHM). MOXD1 is expressed during the development of the neural crest, and distributed along the olfactory bulb, cerebellum, brain stem, and parietal cortex with the development of nerve cells, participating in the basal plate. MOXD1 is highly expressed in GBM cells and can promote the growth of cancer cells (PMID: 35393406). In addition, MOXD1 is a gate-keeper of organ homeostasis and functions as a tumor-suppressor in neuroblastoma.

## 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**

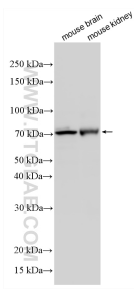
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29913-1-AP (MOXD1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.