

For Research Use Only

# RBMXL2 Polyclonal antibody, PBS Only

Catalog Number: 27987-1-PBS



## Basic Information

<b>Catalog Number:</b> 27987-1-PBS	<b>GenBank Accession Number:</b> BC057796	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 27288	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O75526	
<b>Isotype:</b> IgG	<b>Full Name:</b> RNA binding motif protein, X-linked-like 2	
<b>Immunogen Catalog Number:</b> AG27624	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 43 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

RBMXL2 (RNA-binding motif protein, X-linked-like-2), also known as heterogeneous nuclear ribonucleoproteins G-testis or hnRNP-GT, is a testis-specific nuclear RNA binding protein that plays a crucial role in male meiosis (PMID: 34927545). The protein is part of an anciently diverged family of RNA-binding proteins and shares significant homology with RBMX, another RNA-binding protein that is important for controlling splicing, transcription, and genome stability (PMID: 39356106). The expression of RBMXL2 is restricted to the testis, and it is highly expressed during the pachytene and diplotene stages of meiosis, which are characterized by high levels of transcription and alternative splicing (PMID: 34927545).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

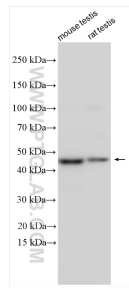
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27987-1-AP (RBMXL2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27987-1-PBS in a different storage buffer formulation.