

Datasheet for 600-401-X23**RBPMs Antibody****Overview**

Description:	Anti-RBPMs (RABBIT) Antibody - 600-401-X23
Item No.:	600-401-X23
Size:	100 µL
Applications:	IHC, WB
Reactivity:	Mouse, Rat, Guinea Pig, Non-Human Primates, Rabbit
Host Species:	Rabbit

Product Details

Background:	RBPMs (RNA binding protein with multiple splicing), also known as HERMES, contains one RRM (RNA recognition motif) domain and belongs to the RRM family of RNA-binding proteins. RBPMs exists as multiple alternatively spliced isoforms and is thought to bind RNA, possibly playing a role in RNA-related events, such as transcription and translation. RNA-binding proteins that are specific to retinal ganglion cells (RGCs) have been previously identified as excellent markers for RGCs. Recent findings show that antibodies against RBPMs are robust reagents that exclusively identify RGCs in multiple mammalian species. RBPMs Antibody is ideal for researchers interested in neuroscience research.
Synonyms:	RNA-binding protein with multiple splicing, RBP-MS, Heart and RRM expressed sequence, Hermes, Rbpms
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	Rbpms
Reactivity:	Mouse, Rat, Guinea Pig, Non-Human Primates, Rabbit
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-RBPMS Antibody was produced in rabbits by repeated immunizations with a synthetic peptide corresponding to amino acid residues from the N-terminal region of the rat RBPMS sequence conjugated to KLH.
Purity/Specificity:	Anti-RBPMS Antibody is directed against rat RBPMS proteins. Anti-RBPMS antibodies are affinity purified from monospecific antiserum by immunoaffinity purification. Cross reactivity with RBPMS from other species has not been determined, however, the sequence of the immunogen shows 100% identity to canine, human, and hamster therefore, cross reactivity is expected.
Relevant Links:	• UniProtKB - Q9WVB0 • GeneID - 19663 • NCBI - NP_001036139.1

Application Details

Tested Applications:	IHC, WB
Application Note:	Anti-RBPMS Antibody is stored with 0.03% sodium azide. It is tested for Western Blot, immunocytochemistry, and Immunohistochemistry, and it is specific for the ~24 kDa RBPMS protein. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IHC:	1:100-1:2000
WB:	1:1000

Formulation

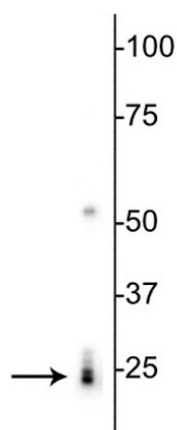
Physical State:	Liquid (sterile filtered)
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
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Storage Condition:	Store vial at -20° C prior to opening in undiluted aliquots. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western blot of Anti-RBPMS antibody.
Rat heart lysate showing specific labeling of the ~24 kDa
RBPMS protein.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.