Anti-RBPMS Antibody

Catalog #: 1830-RBPMS
Size: 100 µl

<table>
<thead>
<tr>
<th>Host</th>
<th>Applications</th>
<th>Species Tested</th>
<th>Species Reactivity*</th>
<th>Molecular Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rabbit</td>
<td>WB 1:1000</td>
<td>GP, M, NHP, R, Ra</td>
<td>C, H, Ha</td>
<td>~24 kDa</td>
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<td></td>
<td>IHC 1:500</td>
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Product Description: Rabbit polyclonal antibody.

Biological Significance: 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 (Kwong et al., 2010). Recent findings show that antibodies against RBPMS are robust reagents that exclusively identify RGCs in multiple mammalian species (Rodriguez et al. 2014).

Antigen: Synthetic peptide corresponding to amino acid residues from the N-terminal region of the rat RBPMS sequence conjugated to KLH.

Antibody Specificity: Specific for endogenous levels of the ~24k Da RBPMS protein.

Purification Method: Affinity purified.

Quality Control Tests: Western blots performed on each lot.

Packaging: 100 µl in PBS +0.03% sodium azide.

Storage and Stability: Shipped on blue ice. Store at −20°C in undiluted aliquots; stable for at least 1 year. Avoid freeze/thaw cycles.

For Research Use Only
Product Specific References:


General References:
