Regulator of G-protein signaling 5 Antibody, Chicken IgY Polyclonal Antibody

Catalog Number: 15-288-22900

- RGS5 antibody; RGS5; MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129; Regulator of G-protein signaling 5
- RGS5; Regulator of G-protein signalling 5

<table>
<thead>
<tr>
<th>Gene Name</th>
<th>Gene Name Synonym</th>
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<tbody>
<tr>
<td>RGS5</td>
<td>MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129</td>
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<thead>
<tr>
<th>Gi #</th>
<th>NCBI Acc #</th>
<th>Swiss Prot Acc #</th>
</tr>
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<tbody>
<tr>
<td>4506519</td>
<td>NP_003608.1</td>
<td>O15539</td>
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<tr>
<th>Length (aa)</th>
<th>Mol. Weight (Da)</th>
<th>Chrom Location</th>
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<tbody>
<tr>
<td>181</td>
<td>20946</td>
<td>1q23.1</td>
</tr>
</tbody>
</table>

Linear Protein Map with Immunogenic Epitope Marked (sequence source from above GI#)

- **Source**: Chicken
- **Purity**: Immunoaffinity Purified
- **Clonality**: Polyclonal
- **Crossreactivity**: Human, mouse, rat
- **Format**: Phosphate-Buffered Saline. No preservatives added.
- **Storage**: 4 degree C for short term (weeks) and -20 degree C for long term. Avoid frequent freeze and thaw.
- **Stability**: 6-12 months at -20 degree C.
- **Shipping**: Products may be shipped on ice pack or dry ice.

**RGS5 ANTIBODY TARGET DESCRIPTION:**

**Synonym Names for RGS5 antibody**: RGS5; MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129; RGS5; Regulator of G-protein signalling 5

**Function**: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha (By similarity).

**Similarity**: Contains 1 RGS domain.

**Summary**: The regulator of G protein signaling (RGS) proteins are signal transduction molecules that have structural homology to SST2 of Saccharomyces cerevisiae and EGL-10 of Caenorhabditis elegans. Multiple genes homologous to SST2 are present in higher eukaryotes. RGS proteins are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators.[supplied by OMIM].

Regulator of G-protein signaling 5 reacts with human, mouse, rat.

**OMIM**: 603276; gene. [NCBI / EBI]
APPLICATIONS for RGS5 ANTIBODY:

WB: Tested

ELISA, ICC, IHC: Not Tested

TESTING: (secondary reagents and protocols)


![RGS5 antibody Western Blot image](image)

BACKGROUND REFERENCES for RGS5 ANTIBODY:

Background references for antibody target are not specific to GenWay products


Precautions: RGS5 antibody is for in vitro research use only. Not for use in diagnostic or therapeutic procedures.

Important Notes: During shipment, small volumes of RGS5 antibody vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container’s cap.

Copyright: This GenWay TDS is copyrighted. This datasheet is produced based partially on data from Swiss-Prot/TrEMBL and NCBI. To better serve our clients with everything we know about RGS5 antibody, all related information, articles, resources about RGS5 antibody are being stored on our online database. Let us know if you have questions regarding this product.

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