Product name: Anti-Guanylyl Cyclase alpha 1/GUCY1A3 antibody

Description: Rabbit polyclonal to Guanylyl Cyclase alpha 1/GUCY1A3

Host species: Rabbit

Tested applications: Suitable for: WB, IP, IHC-P

Species reactivity: Reacts with: Mouse, Rat, Sheep, Cow, Human

Predicted to work with: Dog

Immunogen: Synthetic peptide corresponding to Rat Guanylyl Cyclase alpha 1/GUCY1A3 aa 673-690 conjugated to keyhole limpet haemocyanin (Glutaraldehyde).

Sequence: KDAEDGNANFLGKASGVD

Positive control: Rat brain cytosolic fraction and trypsin digested, paraffin-embedded human, bovine and mouse heart sections.

General notes: This product was previously labelled as Guanylyl Cyclase alpha 1

Form: Liquid


Storage buffer: pH: 7.40
Preservative: 0.097% Sodium azide
Constituent: 0.0268% PBS

Purity: IgG fraction

Purification notes: Whole antiserum is fractionated and further purified by anion exchange chromatography to provide the IgG fraction of antiserum which is essentially free of other rabbit serum proteins

Clonality: Polyclonal

Isotype: IgG
Applications

Our **Abpromise guarantee** covers the use of *ab50358* in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>⭐⭐⭐⭐⭐️</td>
<td>1/10000. Detects a band of approximately 80 kDa (predicted molecular weight: 83 kDa).</td>
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<tr>
<td>IP</td>
<td></td>
<td>Use at an assay dependent concentration. 5-10µg for 60-120µg of cytosolic fraction of rat brain.</td>
</tr>
<tr>
<td>IHC-P</td>
<td>1/100.</td>
<td></td>
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</tbody>
</table>

Target

**Sequence similarities**

Belongs to the adenylyl cyclase class-4/guanylyl cyclase family. Contains 1 guanylate cyclase domain.

**Cellular localization**

Cytoplasm.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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