### Product datasheet

**Anti-Guanylyl Cyclase alpha 1/GUCY1A3 antibody ab50358**

<table>
<thead>
<tr>
<th>Overview</th>
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</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
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<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td><strong>Host species</strong></td>
</tr>
</tbody>
</table>
| **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 |
| **General notes** | This product was previously labelled as Guanylyl Cyclase alpha 1 |

### Properties

| 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 |

**Target**

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

**Cellular localization**
Cytoplasm.

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