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Datasheet for ABIN2791570  
**anti-GUCY1A2 antibody (N-Term)**

1 Image

Overview

Quantity:	100 µL
Target:	GUCY1A2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Zebrafish (Danio rerio), Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GUCY1A2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human GUCY1A2
Sequence:	KNFHNISNRC SYADHSNKEE IEDVSGILQC TANILGLKFE EIQRKFGEEF
Predicted Reactivity:	Cow: 86%, Dog: 85%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against GUCY1A2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	GUCY1A2
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## Target Details

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Alternative Name:	GUCY1A2 ( <a href="#">GUCY1A2 Products</a> )
Background:	<p>Soluble guanylate cyclases are heterodimeric proteins that catalyze the conversion of GTP to 3',5'-cyclic GMP and pyrophosphate. The protein encoded by this gene is an alpha subunit of this complex and it interacts with a beta subunit to form the guanylate cyclase enzyme, which is activated by nitric oxide. Two transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: GC-SA2, GUC1A2</p> <p>Protein Interaction Partner: ERBB2IP, SNTA1, DLG2, DLG4, DLG1, DLG3, GUCY1B3, STUB1, UBC, HSP90AA1, HSPA4,</p> <p>Protein Size: 732</p>
Molecular Weight:	81 kDa
Gene ID:	2977
NCBI Accession:	<a href="#">NM_001256424</a> , <a href="#">NP_001243353</a>
UniProt:	<a href="#">P33402</a>

## Application Details

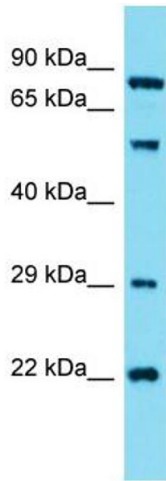
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

Image 1.