

Datasheet for ABIN2784089

anti-GUCA2A antibody (Middle Region)[Go to Product page](#)**2** Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | GUCA2A |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Rat, Mouse, Guinea Pig, Cow, Horse, Pig, Rabbit, Saccharomyces cerevisiae, Sheep |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GUCA2A antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|--|
| Sequence: | FAPIGPVVPILCSNPFP EELKPLCKEP NAQEILQRLE EIAEDPGTCE |
| Predicted Reactivity: | Cow: 83%, Guinea Pig: 77%, Horse: 85%, Human: 100%, Mouse: 91%, Pig: 82%, Rabbit: 83%, Rat: 100%, Sheep: 92%, Yeast: 90% |
| Characteristics: | This is a rabbit polyclonal antibody against GUCA2A. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|--|
| Target: | GUCA2A |
| Alternative Name: | GUCA2A (GUCA2A Products) |
| Background: | GUCA2A is an endogenous activator of intestinal guanylate cyclase. It stimulates this enzyme |

Target Details

through the same receptor binding region as the heat-stable enterotoxins.

Alias Symbols: GUANYLIN, GUCA2, STARA, GCAP-I

Protein Interaction Partner: GUCY2C,

Protein Size: 115

Molecular Weight: 12 kDa

Gene ID: 2980

NCBI Accession: [NM_033553](#), [NP_291031](#)

UniProt: [Q02747](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 115 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

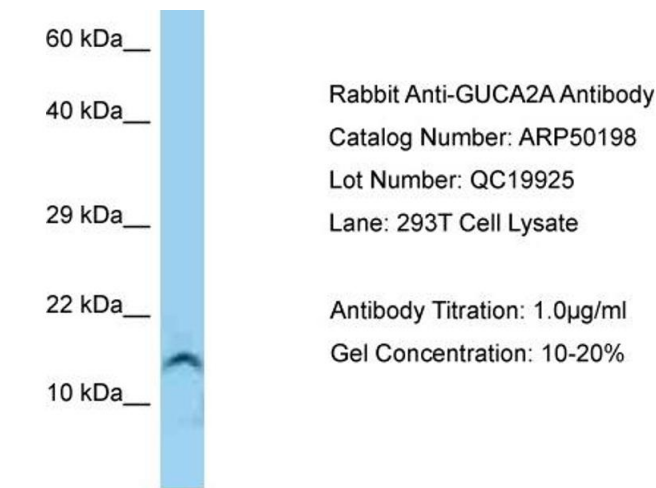
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

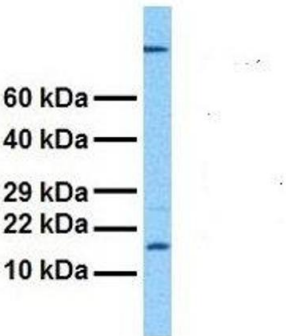
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.

GUCA2A



Western Blotting

Image 2. Host: Rabbit Target Name: GUCA2A Sample
Tissue: Human Stomach Tumor Antibody Dilution: 1.0ug/ml