antibodies.com

# Datasheet for ABIN5014263 anti-RGS7 antibody (AA 1-144)

3 Images



#### Overview

| Quantity:            | 100 µL   |
|----------------------|--|
| Target:              | RGS7   |
| Binding Specificity: | AA 1-144   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This RGS7 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

## Product Details

| Immunogen:    | RGS7 (Met1-Glu144)   |
|---------------|--|
| Isotype:      | lgG  |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against RGS7. It has been selected for its ability to recognize RGS7 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography   |

## Target Details

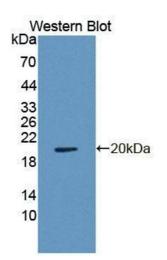
| Target:           | RGS7  |
|-------------------|---|
| Alternative Name: | Regulator Of G Protein Signaling 7 (RGS7) (RGS7 Products)                               |
| Pathways:         | Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein |

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#### Signaling

| Application Details |   |
|---------------------|---|
| Application Notes:  | <ul> <li>Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500<br/>Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in<br/>paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal<br/>working dilutions must be determined by end user.</li> </ul> |
| Comment:            | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37&degC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.        |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Format:             | Liquid  |
| Concentration:      | Lot specific  |
| Buffer:             | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.   |

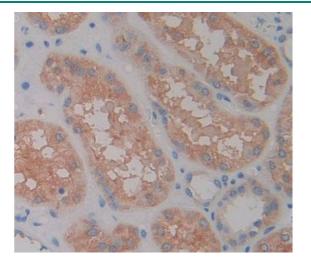
#### Images

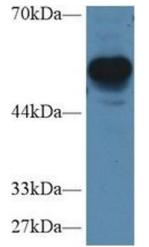


#### Western Blotting

**Image 1.** Figure. Western Blot; Sample: Recombinant protein.

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#### Immunohistochemistry

**Image 2.** Used in DAB staining on fromalin fixed paraffinembedded kidney tissue

### Western Blotting

**Image 3.** Western Blot; Sample: Mouse Cerebrum Iysate; Primary Ab: 1µg/ml Rabbit Anti-Human RGS7 Antibody Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

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