antibodies - online.com







anti-RGS6 antibody (C-Term)





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| Quantity: | 100 μL | |
|-----------------------|---|--|
| Target: | RGS6 | |
| Binding Specificity: | C-Term | |
| Reactivity: | Human, Rat, Mouse, Dog, Cow, Zebrafish (Danio rerio), Guinea Pig, Horse, Rabbit | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This RGS6 antibody is un-conjugated | |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) | |
| Product Details | | |
| Immunogen: | The immunogen is a synthetic peptide directed towards the C terminal region of human RGS6 | |
| Sequence: | SAINLDSHSY EITSQNVKDG GRYTFEDAQE HIYKLMKSDS YARFLRSNAY | |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: | |
| | 93%, Rat: 100%, Zebrafish: 86% | |
| Characteristics: | This is a rabbit polyclonal antibody against RGS6. It was validated on Western Blot and | |
| | immunohistochemistry. | |
| Purification: | Affinity Purified | |
| Target Details | | |
| Target: | RGS6 | |

Target Details

| Alternative Name: | RGS6 (RGS6 Products) |
|-------------------|---|
| Background: | Members of the RGS (regulator of G protein signaling) family have been shown to modulate the functioning of G proteins by activating the intrinsic GTPase activity of the alpha (guanine nucleotide-binding) subunits. Alias Symbols: GAP Protein Interaction Partner: HSP90AA1, GNB4, GNB5, GNB3, GNB2, GNB1, STMN2, DMAP1, DNMT1, |
| Molecular Weight: | Protein Size: 472 54 kDa |
| Gene ID: | 9628 |
| NCBI Accession: | NM_004296, NP_004287 |
| Pathways: | Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling |

Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. | |
|--------------------|--|--|
| Comment: | Antigen size: 472 AA | |
| Restrictions: | For Research Use only | |
| LLa callica ac | | |

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 | |

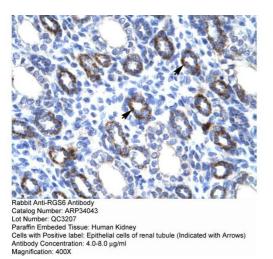
aliquots to prevent freeze-thaw cycles.

Images



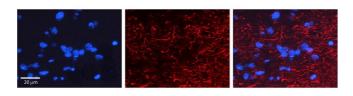
Western Blotting

Image 1. WB Suggested Anti-RGS6 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

Image 2. Human kidney



Immunohistochemistry

Image 3. RGS6 antibody - C-terminal region Formalin Fixed Paraffin Embedded Tissue: Human Pineal Tissue Observed Staining: Cytoplasm and Membrane of Human Pineal Tissue Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec