antibodies - online.com







anti-RGS16 antibody (AA 141-190)





Overview

| Quantity: | 100 μL |
|----------------------|--|
| Target: | RGS16 |
| Binding Specificity: | AA 141-190 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RGS16 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

| Immunogen: | The antiserum was produced against synthesized peptide derived from human RGS16. |
|---------------|---|
| Isotype: | IgG |
| Specificity: | RGS16 Antibody detects endogenous levels of total RGS16 protein. |
| Purification: | The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen. |
| Purity: | > 95 % |

Target Details

| Target: | RGS16 |
|-------------------|---|
| Alternative Name: | RGS16 (RGS16 Products) |
| Background: | Synonyms: A28-RGS14P, RGS-R, RGSG, RGSR, Regulator of G-protein signaling 16, Retinally |

Target Details

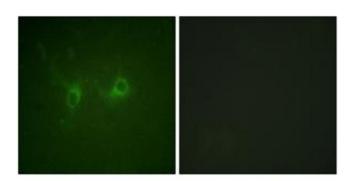
| | abundant regulator of G-protein signaling NCBI Gene Symbol: RGS16 |
|-------------------|---|
| Molecular Weight: | 22 kDa |
| Gene ID: | 6004 |
| OMIM: | 602514 |
| UniProt: | 015492 |
| Pathways: | Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling |

Application Details

| Application Notes: | IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000 |
|--------------------|---|
| Comment: | Unigene-Number: Hs.413297 (NCBI Gene Symbol: RGS16) |
| Restrictions: | For Research Use only |

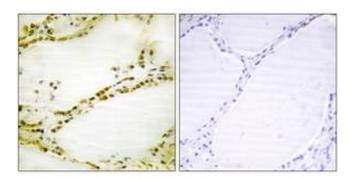
Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 mg/mL |
| Buffer: | phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Stable at -20°C for at least 1 year. |
| Expiry Date: | 12 months |



Immunofluorescence

Image 1. Immunofluorescence analysis of COS7 cells, using RGS16 (Ab-168) Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffinembedded human thyroid gland tissue, using RGS16 (Ab-168) Antibody. The picture on the right is treated with the synthesized peptide.