

Datasheet for ABIN7167621  
**anti-RGS7 antibody (AA 1-487)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	RGS7
Binding Specificity:	AA 1-487
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RGS7 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Regulator of G-protein signaling 7 protein (1-487AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	RGS7
Alternative Name:	RGS7 ( <a href="#">RGS7 Products</a> )
Background:	Background: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Activity on G(o)-alpha is



## Target Details

specifically enhanced by the RGS6/GNG5 dimer. May play a role in synaptic vesicle exocytosis.  
May play important role in the rapid regulation of neuronal excitability and the cellular responses to short-lived stimulations (By similarity).  
Aliases: RGS7 antibody, Regulator of G-protein signaling 7 antibody, RGS7 antibody

UniProt: [P49802](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

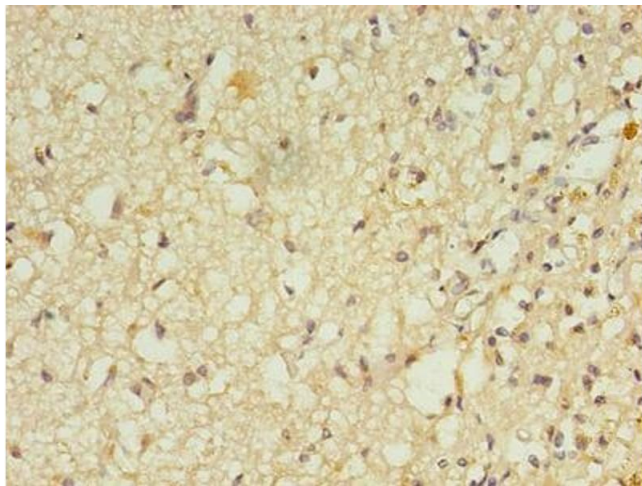
Preservative: ProClin

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

Storage: -20 °C,-80 °C

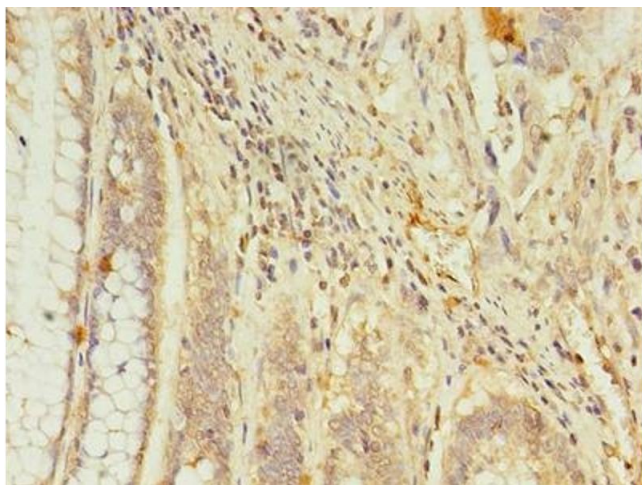
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7167621 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7167621 at dilution of 1:100