

## RGS4 Antibody

Catalog No: #42733

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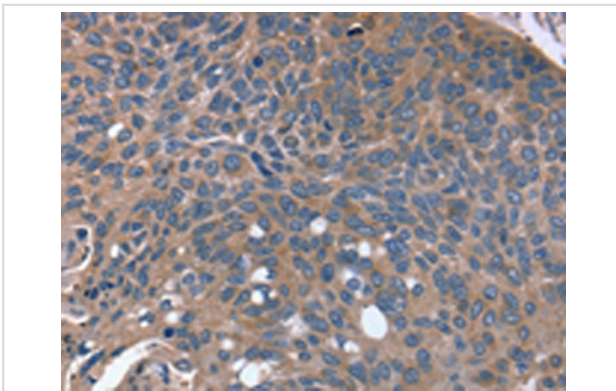
## Description

Product Name	RGS4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RGS4 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human RGS4
Target Name	RGS4
Other Names	RGP4; SCZD9
Accession No.	Swiss-Prot#: P49798 Gene ID: 5999
Uniprot	P49798
GeneID	5999;
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:10-1:50

## Images



Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using #42733 at dilution 1/30,

## Background

Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 4 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain.

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Note: This product is for in vitro research use only