

## RGS5 Antibody

Catalog No: #42732

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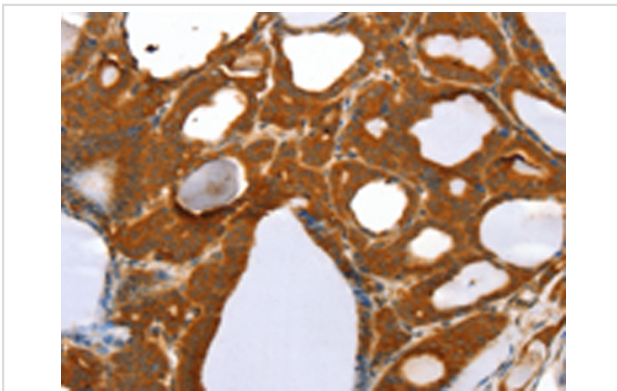
## Description

Product Name	RGS5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total RGS5 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human RGS5
Target Name	RGS5
Other Names	MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129
Accession No.	Swiss-Prot#: O15539 Gene ID: 8490
Uniprot	O15539
GeneID	8490;
Concentration	2.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

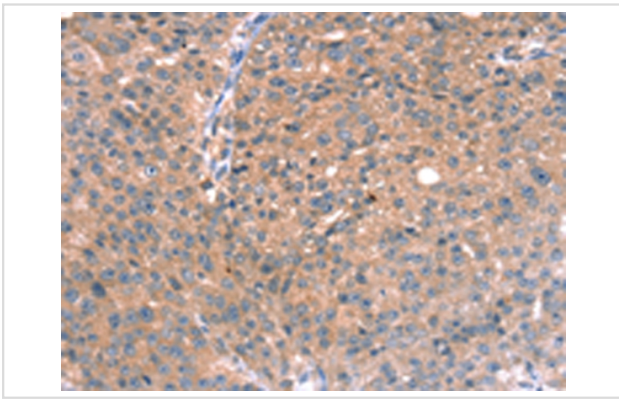
## Application Details

Immunohistochemistry: 1:30-1:150

## Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #42732 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #42732 at dilution 1/40.

## Background

This gene encodes a member of the regulators of G protein signaling (RGS) family. The RGS proteins are signal transduction molecules which are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. This gene is a hypoxia-inducible factor-1 dependent, hypoxia-induced gene which is involved in the induction of endothelial apoptosis. This gene is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants have been identified.

Note: This product is for in vitro research use only