

RGS16 antibody

Catalog No: #62230

Package Size: #62230 100ul

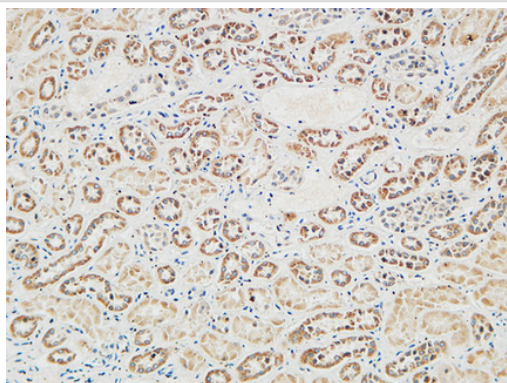
Description

Product Name	RGS16 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC, IF, ELISA
Species Reactivity	Human, Mouse, Rat
Specificity	RGS16 Polyclonal Antibody detects endogenous levels of RGS16 protein.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human RGS16. AA range:141-190
Target Name	RGS16
Calculated MW	23kD
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

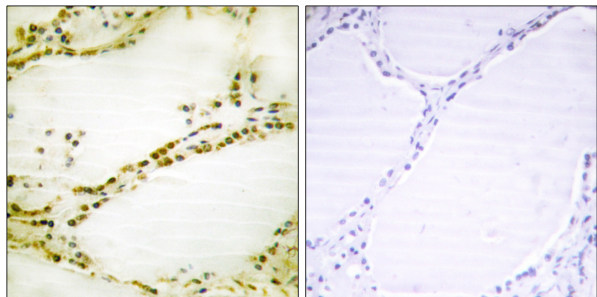
Application Details

IHC 1:100-1:300, IF 1:200-1:1000, ELISA 1:20000

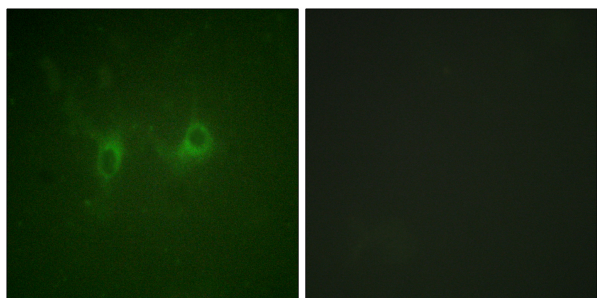
Images



Immunohistochemical analysis of paraffin-embedded Human Right kidney using RGS16 antibody (1:100, 40% O/N overnight).



Immunohistochemistry analysis of paraffin-embedded human thyroid gland tissue using RGS16 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of COS7 cells using RGS16 Antibody.

Left: COS7 cells

Right: COS7 cells blocked with the synthesized peptide.

Background

Regulates G protein-coupled receptor signaling cascades. Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form (PubMed:11602604, PubMed:18434541).

Plays an important role in the phototransduction cascade by regulating the lifetime and effective concentration of activated transducin alpha. May regulate extra and intracellular mitogenic signals (By similarity).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.