



RGS5 rabbit pAb

Cat No.:ES7784

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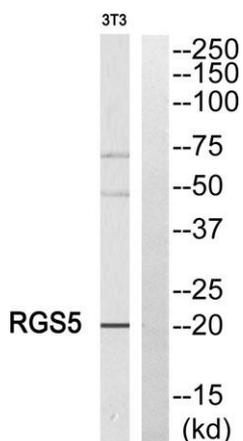
Overview

Product Name	RGS5 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human RGS5. AA range:89-138
Specificity	RGS5 Polyclonal Antibody detects endogenous levels of RGS5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Regulator of G-protein signaling 5
Gene Name	RGS5
Cellular localization	[Isoform 1]: Cytoplasm . Membrane .; [Isoform 2]: Cytoplasm .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	8490
Human Swiss-Prot Number	O15539
Alternative Names	RGS5; Regulator of G-protein signaling 5; RGS5
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,



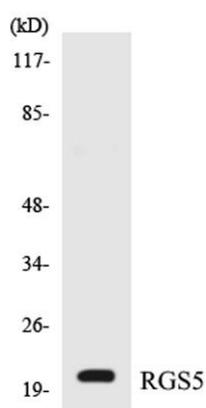
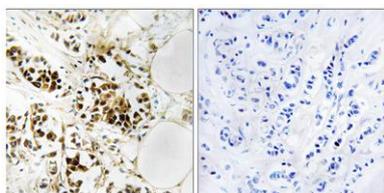


hypoxia-induced gene which is involved in the induction of endothelial apoptosis. This gene is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Dec 2011],



Western blot analysis of RGS5 Antibody. The lane on the right is blocked with the RGS5 peptide.

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using RGS5 Antibody. The lane on the right is blocked with the RGS5 peptide.



Western blot analysis of the lysates from HepG2 cells using RGS5 antibody.

