

# **RGS5 Polyclonal Antibody**

### Description

Product type Primary Antibody

Code BT-AP07810

**Host** Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human RGS5. AA range:89-138

Mol wt 20946

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name RGS5 Antibody

Synonyms RGS5; Regulator of G-protein signaling 5; RGS5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

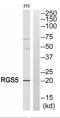
RGS5 (regulator of G-protein signaling 5) encodes a member of the regulators of G protein signaling (RGS) family. The RGS proteins are signal transduction molecules which are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. RGS5 is a hypoxia-inducible factor-1 dependent, hypoxia-induced gene which is involved in the induction of endothelial apoptosis. RGS5 is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants have been identified.

### Recommended Dilution

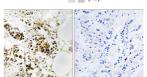
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

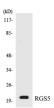
Images



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



Immunohistochemistryt 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.

# Storage

-20°C for one year

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