

CAB7015

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

50kDa

Calculated MW:

8kDa/20kDa/21kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

8490

Uniprot

O15539

Synonyms:

RGS5; MST092; MST106; MST129; MSTP032; MSTP092; MSTP106;
MSTP129

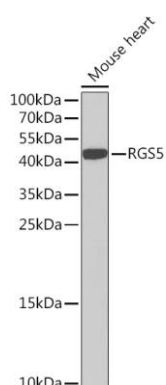
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-181 of human RGS5 (NP_003608.1).

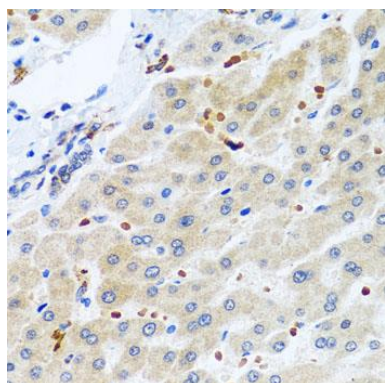
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

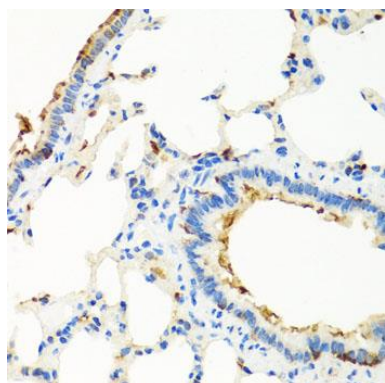
Product Images



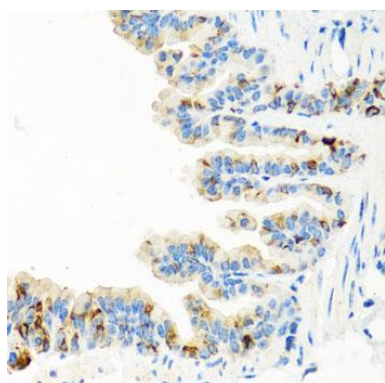
Western blot analysis of extracts of Mouse heart, using RGS5 Rabbit pAb (CAB7015) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human liver using RGS5 antibody (CAB7015) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat lung using RGS5 antibody (CAB7015) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse lung using RGS5 antibody (CAB7015) at dilution of 1:100 (40x lens).