ARG63217
anti-RGS1 / 1R20 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes RGS1 / 1R20
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RGS1 / 1R20
Species	Human
Immunogen	C-NLLNDLQANSLK
Conjugation	Un-conjugated
Alternate Names	Regulator of G-protein signaling 1; 1R20; IER1; IR20; B-cell activation protein BL34; RGS1; BL34; Early response protein 1R20; HEL-S-87

Application Instructions

Application table

Application	Dilution
IHC-P	2.5 µg/ml
WB	0.5 - 2 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

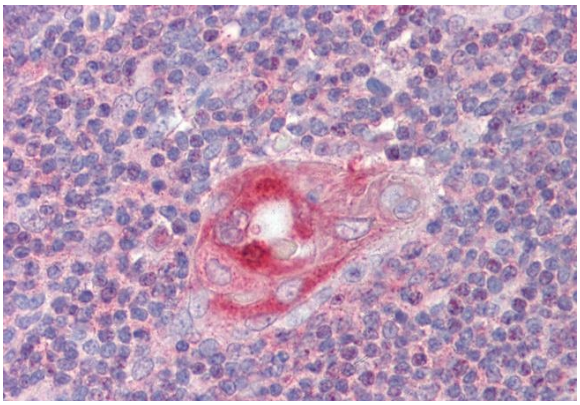
Bioinformation

Database links	GeneID: 5996 Human Swiss-port # Q08116 Human
Background	This gene encodes a member of the regulator of G-protein signalling family. This protein is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. [provided by RefSeq, Jul 2008]
Research Area	Signaling Transduction antibody
Calculated Mw	24 kDa

Images

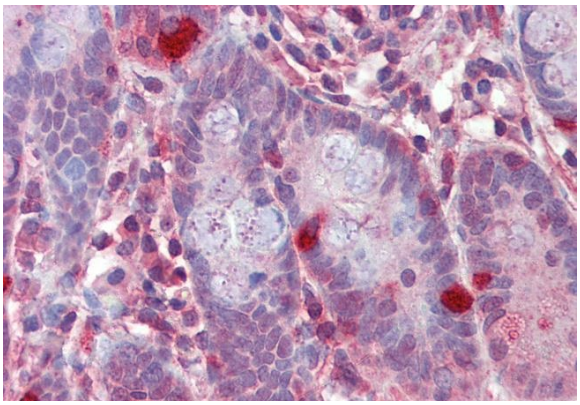
ARG63217 anti-RGS1 / 1R20 antibody WB image

Western Blot: HepG2 lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63217 anti-RGS1 / 1R20 antibody at 1 µg/ml dilution.



ARG63217 anti-RGS1 / 1R20 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thymus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63217 anti-RGS1 / 1R20 antibody at 2.5 µg/ml dilution followed by AP-staining.



ARG63217 anti-RGS1 / 1R20 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human small intestine tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63217 anti-RGS1 / 1R20 antibody at 2.5 µg/ml dilution followed by AP-staining.