

Product datasheet for **AP22566PU-N**

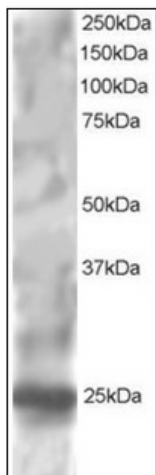
RGS1 (198-209) Goat Polyclonal Antibody

Product data:

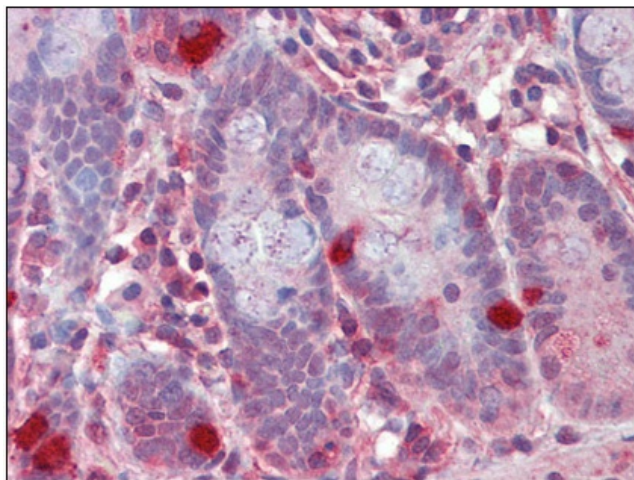
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 2.5 µg/ml. Western Blot: 0.5 - 2 µg/ml.
Reactivity:	Human, Mouse, Bovine, Bat, Equine, Monkey
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from C-term of human RGS1
Specificity:	This antibody detects RGS1 (C-term).
Formulation:	Tris saline buffer, pH 7.3 containing 0.5% BSA as stabilizer and 0.02% sodium azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	regulator of G-protein signaling 1
Database Link:	Entrez Gene 50778 Mouse Entrez Gene 5996 Human Q08116
Background:	RGS1 is 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.
Synonyms:	1R20, BL34, IER1



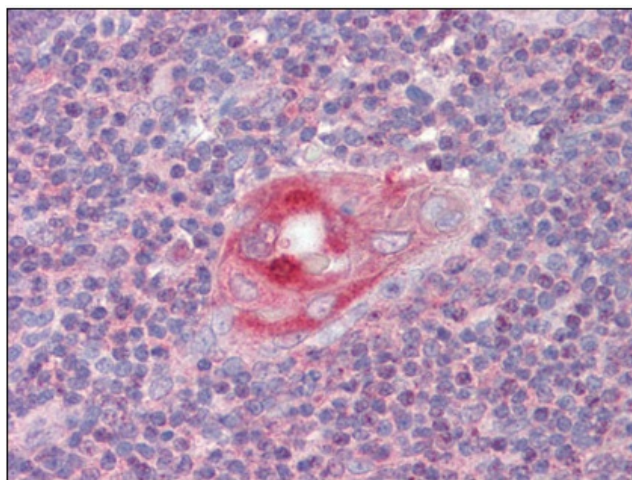
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Product images:

Antibody staining (1 ug/ml) of HepG2 lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Human Small Intestine (formalin-fixed, paraffin-embedded) stained with RGS1 antibody followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Thymus (formalin-fixed, paraffin-embedded) stained with RGS1 antibody followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.