

bs-2794R**[Primary Antibody]****Bioss**
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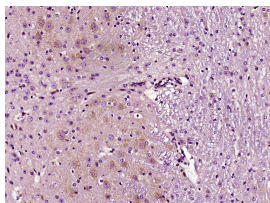
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RGS5 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 19737	SWISS: O08850	IF (1:100-500)
Target: RGS5		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Dog)
Immunogen: KLH conjugated synthetic peptide derived from mouse RGS5: 81-181/181.		
Purification: affinity purified by Protein A		Predicted MW.: 22 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins are GTPase-activating proteins for Gi and Gq class G-alpha proteins. They accelerate transit through the cycle of GTP binding and hydrolysis and thereby accelerate signaling kinetics and termination. RGS5 seems to be an important signalling regulator in the vascular system. Present data suggest that RGS5 may be involved in the regulation of capillary growth, angiogenesis, and in the pathophysiology of stroke.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (RGS5) Polyclonal Antibody, Unconjugated (bs-2794R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.