bs-9296R **[Primary Antibody]**

ARHGAP32 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 9743 **SWISS:** A7KAX9

Target: ARHGAP32

Immunogen: KLH conjugated synthetic peptide derived from human ARHGAP32: 801-920/2078.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: ARHGAP32 is a neuron-associated GTPase-activating protein that may regulate dendritic spine morphology and strength by modulating Rho GTPase.

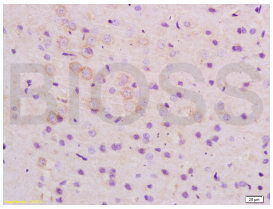
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:50-200)
Flow-Cyt (2ug/Test)

Reactivity: Mouse, Rat (predicted: Human, Pig, Cow, Dog, Horse)

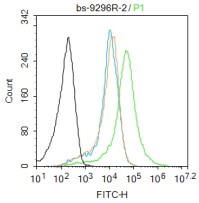
Predicted MW.: 230 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-ARHGAP32 Polyclonal Antibody, Unconjugated(bs-9296R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control:Mouse spleen. Primary Antibody (green line): Rabbit Anti-ARHGAP32 antibody (bs-9296R) Dilution: 2µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF488 Dilution: 1µg /test. Protocol The cells were fixed with 70% ethanol (10min at room temperature) and then were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=2.65]** Li Hao. et al. Electroacupuncture Enhances Cognitive Deficits in a Rat Model of Rapid Eye Movement Sleep Deprivation via Targeting MiR-132. EVID-BASED COMPL ALT. 2022 Sep 16;2022:7044208 IHC ;Rat. 36159559