

bs-9156R**[Primary Antibody]****BioSS**
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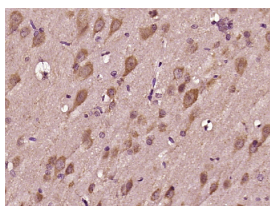
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RNF142 Rabbit pAb**— DATASHEET —**

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| Host: Rabbit Clonality: Polyclonal GeneID: 89870 Target: RNF142 Immunogen: KLH conjugated synthetic peptide derived from human SH3MD2/RNF142: 401-500/888. 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: SH3MD2 acts as a scaffold protein, contributes to Rac-induced signal transduction such as JNKs (MAPK8 and MAPK9) activation and induces apoptosis. Within a signaling complex, it probably recruits protein kinases such as MAP3K10 or MAP3K11 which are in turn activated leading to the sequential activation of MAP2K4, MAP2K7 and JNKs (MAPK8 and MAPK9). SH3MD2 may be involved in targeting of HIV-1 GAG and GAG-POL polyproteins to the plasma membrane. This gene encodes a protein containing an N-terminus RING-finger, four SH3 domains, and a region implicated in binding of the Rho GTPase Rac. Via the RING-finger, the encoded protein has been shown to function as an ubiquitin-protein ligase involved in protein sorting at the trans-Golgi network. The encoded protein may also act as a scaffold for the c-Jun N-terminal kinase signaling pathway, facilitating the formation of a functional signaling module. There are two named isoforms. | Isotype: IgG SWISS: Q9C019 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Sheep, Cow, Chicken, Dog, Horse) Predicted MW.: 93 kDa Subcellular Location: Cytoplasm |
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat 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 (RNF142) Polyclonal Antibody, Unconjugated (bs-9156R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=1.756]** Yue J et al. Activation of leukocyte immunoglobulin-like receptor B2 signaling pathway in cortical lesions of pediatric patients with focal cortical dysplasia type IIb and tuberous sclerosis complex. Brain Dev. 2019 Sep 5. pii: S0387-7604(19)30240-2. WB,IHC ;Human. 31495513

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.