

bs-21296R**[Primary Antibody]****RBM42 Rabbit pAb****BioSS**
ANTIBODIES

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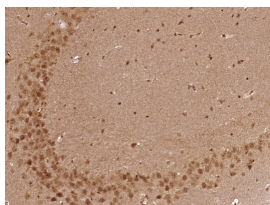
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 79171 Target: RBM42 Immunogen: KLH conjugated synthetic peptide derived from human RBM42: 381-480/480. 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: RNA binding motif protein 42 (RBM42) C-terminal domain interacts with HNRNPK C-terminal domain and RNA. RBM42 and HNRNPK are involved in the maintenance of cellular ATP levels during stress, possibly by protecting critical mRNAs. Upon stress response, RBM42 localizes with HNRNPK in cytoplasmic aggregates of stalled translational pre-initiation complexes called stress granules. There are 4 isoforms produced by alternative splicing.	Isotype: IgG SWISS: Q9BTD8 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 50 kDa Subcellular Location: Cytoplasm ,Nucleus
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— 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 (RBM42) Polyclonal Antibody, Unconjugated (bs-21296R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.