

bs-9823R**[Primary Antibody]****C3orf15 Rabbit pAb****Bioss**
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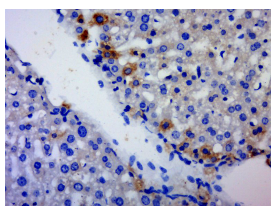
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 89876 Target: C3orf15 Immunogen: KLH conjugated synthetic peptide derived from human AAT1/C3orf15: 131-230/603. 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: The c-Myc proto-oncogene plays a significant role in cell proliferation, differentiation, transformation and apoptosis. A novel c-Myc binding protein, MYCBP (also designated AMY-1), binds to the transactivation domain of c-Myc and stimulates the activation of E-box-dependent transcription. MYCBP translocates from the cytoplasm to the nucleus during S phase when increased expression of c-Myc occurs. MYCBP and AAT-1 (AMY-1-associating protein expressed in testis 1) have been shown to associate with AKAP 149 and AKAP 84 in mitochondria of somatic cells and sperm, which suggests a role for MYCBP and AAT-1 in spermatogenesis. Expression of the AAT-1 gene is regulated by two different promoters, which result in various isoforms. One promoter generates expression of the AAT-1, AAT-1 α , AAT-1 β and AAT-1 γ isoforms, which are specifically expressed in testis, while the other promoter generates AAT-1L, AAT-1M and AAT-1S, which are differentially expressed.	Isotype: IgG SWISS: Q7Z4T9 Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200) Reactivity: Mouse (predicted: Human, Rat) Predicted MW.: 71 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse liver); 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 (MAATS1) Polyclonal Antibody, Unconjugated (bs-9823R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining

— SELECTED CITATIONS —

- **[IF=6.4]** Bingbing Wu. et al. CCDC113 stabilizes sperm axoneme and head-tail coupling apparatus to ensure male fertility. ELIFE. 2024 Dec IF ;Mouse. 39671309

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