

bs-14668R**[Primary Antibody]****EXOSC5 Rabbit pAb****Bioss**
ANTIBODIES

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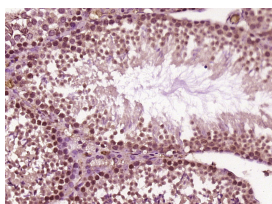
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DATASHEET

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse (predicted: Human, Rat, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 25 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 56915	SWISS: Q9NQT4	
Target: EXOSC5		
Immunogen: KLH conjugated synthetic peptide derived from human EXOSC5: 141-235/235.		
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 exosome is a multisubunit complex composed of several highly conserved subunits, some of which are 3' to 5' exoribonucleases. The complex is involved in a variety of cellular processes and is responsible for degrading unstable mRNAs that contain AU-rich (ARE) elements in their untranslated 3' region. EXOSC5 (Exosome component 5), also known as Exosome complex exonuclease RRP46 and CML28 (Chronic myelogenous leukemia tumor antigen 28), is one of at least eleven components of the exosome complex and is required for processing of 7S pre-rRNA to mature 5.8S rRNA. Located in the nucleus, EXOSC5 interacts with both EXOSC1 and EXOSC7. EXOSC5 is exclusively expressed in normal testis, though is found to be highly expressed in many hematopoietic and epithelial tumor cell lines, suggesting that it may be an appropriate target for antigen-specific immunotherapy.		

VALIDATION IMAGES

Paraformaldehyde-fixed, paraffin embedded (Mouse testis); 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 (EXOSC5) Polyclonal Antibody, Unconjugated (bs-14668R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.