

bs-9356R**[Primary Antibody]****BioSS**
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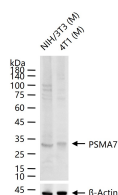
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PSMA7 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:100-1000)
Clonality: Polyclonal		Reactivity: Mouse
GeneID: 5688	SWISS: O14818	
Target: PSMA7		
Immunogen: KLH conjugated synthetic peptide derived from human PSMA7: 111-210/248.		Predicted MW.: 28 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm ,Nucleus
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 proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. Plays an important role in the regulation of cell proliferation or cell cycle control, transcriptional regulation, immune and stress response, cell differentiation, and apoptosis. Interacts with some important proteins involved in transcription factor regulation, cell cycle transition, viral replication and even tumor initiation and progression. Inhibits the transactivation function of HIF-1A under both normoxic and hypoxia-mimicking conditions. The interaction with EMAP2 increases the proteasome-mediated HIF-1A degradation under the hypoxic conditions. Plays a role in hepatitis C virus internal ribosome entry site-mediated translation. Mediates nuclear translocation of the androgen receptor (AR) and thereby enhances androgen-mediated transactivation. Promotes MAVS degradation and thereby negatively regulates MAVS-mediated innate immune response.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with PSMA7 polyclonal antibody, unconjugated (bs-9356R) at 1:200 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.