

bs-9353R**[Primary Antibody]****phospho-Proteasome 20S alpha 3(Ser250)
Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200)
Clonality: Polyclonal		
GeneID: 5684	SWISS: P25788	
Target: Proteasome 20S alpha 3(Ser250)		Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Dog, Horse)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human Proteasome 20S alpha 3 around the phosphorylation site of Ser250: DE(p-S)DD.		
Purification: affinity purified by Protein A		Predicted MW.: 28 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm ,Nucleus
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. Binds to the C-terminus of CDKN1A and thereby mediates its degradation. Negatively regulates the membrane trafficking of the cell-surface thromboxane A2 receptor (TBXA2R) isoform 2.		

— SELECTED CITATIONS —

- **[IF=3.998]** Yu-lin Huang. et al. Novel targets identified by integrated proteomic and phosphoproteomic analysis in spermatogenesis of swamp buffalo (Bubalus bubalis). Sci Rep-Uk. 2020 Sep;10(1):1-11 WB,IHC ;Bubalus bubalis. 32973212
- **[IF=2.823]** Peng - fei Zhang. et al. Integrated analysis of phosphoproteome and ubiquitylome in epididymal sperm of buffalo (Bubalus bubalis). Mol Reprod Dev. 2021 Jan;88(1):15-33 IF ;Bovine. 33140506