

bs-14216R**[Primary Antibody]****DDX18 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat) Predicted MW.: 75 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 8886	SWISS: Q9NVP1	
Target: DDX18		
Immunogen: KLH conjugated synthetic peptide derived from human DDX18: 581-670/670.		
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: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, and it is activated by Myc protein. [provided by RefSeq, Jul 2008]		

— SELECTED CITATIONS —

- **[IF=1.5]** Qiu Youwen. et al. Liriodendrin stimulates proliferation and milk protein synthesis of mammary epithelial cells via the PI3K-DDX18 signaling. IN VITRO CELL DEV-AN. 2024 Aug;;1-10 ChIP,WB,IF ;Bovine,Mouse. 39134870