

bs-11231R**[Primary Antibody]****RECQL5 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, Pig, Cow, Dog, Horse) Predicted MW.: 109 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 9400	SWISS: O94762	
Target: RECQL5		
Immunogen: KLH conjugated synthetic peptide derived from human RECQL5: 1-100/991.		
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: RecQ helicases are implicated in DNA recombination and repair helicases and are critical in genome maintenance. RecQL5 is one of five known RecQ homologues in humans, and defects in three of these (BLM, WRN and RecQ4) are associated with autosomal recessive disorders that involve genomic instability and a predisposition to cancer. The exact role of RecQL5 is unclear. It has been shown in mouse embryonic stem (ES) cells that mutations in the Recql5 genes result in a significant increase in the frequency of sister chromatid exchange (SCE), whereas deleting Recql5 lead to an even higher frequency of SCE. There are three different RecQL5 isoforms - alpha, beta and gamma, produced by alternative splicing.		