

bs-3628R**[Primary Antibody]**

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PRL3 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Sheep, Cow, Chicken, GuineaPig, Horse, Danio) Predicted MW.: 19 kDa Subcellular Location: Cell membrane ,Cytoplasm
Clonality: Polyclonal		
GeneID: 11156	SWISS: O75365	
Target: PRL3		
Immunogen: KLH conjugated synthetic peptide derived from human PRL3/PTP4A3: 101-173/173.		
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: PTP4A3 protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. It enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. It may be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II. PTP4A3 interacts with tubulin. It belongs to the protein tyrosine phosphatase family. It is mainly expressed in cardiomyocytes and skeletal muscle; also found in pancreas. It is consistently overexpressed in colon cancer metastasis.		