

bs-13595R**[Primary Antibody]****Dppa4 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.: 34 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 55211	SWISS: Q7L190	
Target: Dppa4		
Immunogen: KLH conjugated synthetic peptide derived from human Dppa4: 51-150/304.		
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: DPPA4 (developmental pluripotency associated 4) is a 304 amino acid protein that localizes to the nucleus and is thought to be involved in the maintenance of cell pluripotentiality during embryogenesis. The gene encoding DPPA4 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci. Key tumor suppressing genes on chromosome 3 include those that encode the apoptosis mediator RASSF1, the cell migration regulator HYAL1 and the angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth Disease are a few of the numerous genetic diseases associated with chromosome 3.		