

bs-17201R**[Primary Antibody]****JHDM1D 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, Rabbit, Pig, Sheep, Cow, Dog) Predicted MW.: 107 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 80853	SWISS: Q6ZMT4	
Target: JHDM1D		
Immunogen: KLH conjugated synthetic peptide derived from human JHDM1D: 501-600/941.		
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: JHDM1D is a 941 amino acid protein belonging to the JHDM1 histone demethylase family. Existing as two alternatively spliced isoforms, JHDM1D contains one JmjC domain and a PHD-type zinc finger. The gene encoding JHDM1D maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Defects in some of the genes localized to chromosome 7 have been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.		