

**bs-8289R****[ Primary Antibody ]**

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**DPY19L1 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, Horse)  <b>Predicted MW.:</b> 77 kDa  <b>Subcellular Location:</b> Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 23333	<b>SWISS:</b> Q2PZI1	
<b>Target:</b> DPY19L1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human DPY19L1: 521-620/675.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Dpy-19 (dumpy-19), is a 683 amino acid C. elegans protein that is required to orient the neuroblasts QL and QR correctly on the anterior/posterior axis. Dpy-19 is expressed highly in dorsal hyp7 cells, ventral P cells and lateral V cells, and dorsal and ventral body muscle cells. DPY19L1 (Dpy-19-like protein 1), also known as KIAA0877, is a 675 amino acid multi-pass membrane protein that belongs to the Dpy-19 family. DPY19L1 is expressed as two isoforms produced by alternative splicing and is encoded by a gene mapping to human chromosome 7, which encodes over 1,000 genes and makes up about 5% of the human genome. Diseases associated with chromosome 7 include 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.		