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Rabbit Anti-DPY19L1/AP Conjugated antibody

SL8289R-AP

Product Name	Anti-DPY19L1/AP
Chinese Name	碱性磷酸酶（AP）标记的短粗矮胖 19 蛋白样 1 抗体
Alias	D19L1_HUMAN; Dpy 19 like 1 (C. elegans); Dpy 19 like protein 1; Dpy-19-like protein 1; DPY19L1; GA0500; KIAA0877; Protein dpy 19 homolog 1; Protein dpy-19 homolog 1; Protein dpy19 homolog 1.
Research Area	Cell biology immunology Developmental biology Endocrinopathy
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Applications	WB=1000-10000,IHC-P=1:100-500,IHC-F=1:100-500,ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	77kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DPY19L1
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	**background:** 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.

Subcellular Location:
Membrane; Multi-pass membrane protein (Potential).

Tissue Specificity:
Widely expressed.

Similarity:
Belongs to the dpy-19 family.

Database links:
UniProtKB/Swiss-Prot: Q2PZI1.1

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.