

### **DPY19L1 Antibody (C-term)**

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP10859b

## **Specification**

## DPY19L1 Antibody (C-term) - Product Information

Application WB, IHC-P, FC,E

Primary Accession Q2PZI1

Other Accession <u>A6X919</u>, <u>NP\_056098.1</u>, <u>D4AD75</u>

Reactivity
Predicted
Host
Clonality
Isotype
Antigen Region

Human
Mouse, Rat
Rabbit
Polyclonal
Rabbit IgG
557-586

#### DPY19L1 Antibody (C-term) - Additional Information

#### **Gene ID 23333**

#### **Other Names**

Probable C-mannosyltransferase DPY19L1, 241-, Dpy-19-like protein 1, Protein dpy-19 homolog 1, DPY19L1, GA0500, KIAA0877

#### Target/Specificity

This DPY19L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 557-586 amino acids from the C-terminal region of human DPY19L1.

#### **Dilution**

WB~~1:1000 IHC-P~~1:50~100 FC~~1:10~50

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

DPY19L1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

#### DPY19L1 Antibody (C-term) - Protein Information

## Name DPY19L1



## Synonyms GA0500, KIAA0877

**Function** C-mannosyltransferase that mediates the C-mannosylation tryptophan residues on target proteins. The reaction occurs on the luminal side of the endoplasmic reticulum and involves the transfer of a mannose unit from a dolichylphosphate mannose (Dol-P-Man) donor to an acceptor protein containing a WxxW consensus sequence (By similarity). C-mannosylates the first two tryptophans in the WxxWxxWxxC motif in thrombospondin (TSP) type-1 of UNC5A (By similarity). Regulates neurite extension during development (By similarity).

### **Cellular Location**

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:A6X919}; Multi-pass membrane protein

#### **Tissue Location**

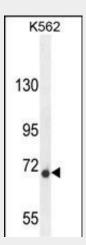
Widely expressed..

#### DPY19L1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

#### **DPY19L1** Antibody (C-term) - Images

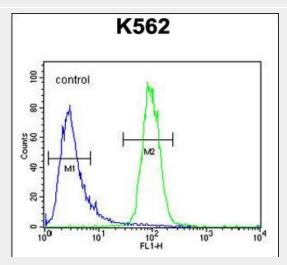


DPY19L1 Antibody (C-term) (Cat. #AP10859b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the DPY19L1 antibody detected the DPY19L1 protein (arrow).





DPY19L1 antibody (C-term) (Cat. #AP10859b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DPY19L1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



DPY19L1 Antibody (C-term) (Cat. #AP10859b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

## **DPY19L1 Antibody (C-term) - Background**

Belongs to the DPY19 family. There are two named isoforms. The specific function of DPY19L1 is not yet known.

# **DPY19L1 Antibody (C-term) - References**

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002) Nagase, T., et al. DNA Res. 5(6):355-364(1998) **DPY19L1 Antibody (C-term) - Citations** 

• Endoplasmic Reticulum-Localized Transmembrane Protein Dpy19L1 Is Required for Neurite Outgrowth.