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Datasheet for ABIN1398234

## anti-DPY19L1 antibody (AA 571-675) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	DPY19L1
Binding Specificity:	AA 571-675
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPY19L1 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DPY19L1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit, Zebrafish
Purification:	Purified by Protein A.

### Target Details

Target:	DPY19L1
Alternative Name:	DPY19L1 ( <a href="#">DPY19L1 Products</a> )
Background:	Synonyms: D19L1_HUMAN, Dpy 19 like 1 C. elegans, Dpy 19 like protein 1, Dpy-19-like protein 1,

## Target Details

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DPY19L1, GA0500, KIAA0877, Protein dpy 19 homolog 1, Protein dpy-19 homolog 1, Protein dpy19 homolog 1.

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.

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Gene ID: 23333

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Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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## Handling

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handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months