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Datasheet for ABIN1398210

anti-DPYSL3 antibody (AA 465-570) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	DPYSL3
Binding Specificity:	AA 465-570
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPYSL3 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CRMP4/DRP3
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse
Purification:	Purified by Protein A.

Target Details

Target:	DPYSL3
Alternative Name:	CRMP4 (DPYSL3 Products)
Background:	Synonyms: Unc 33 like phosphoprotein, Collapsin response mediator protein 4, Collapsin

Target Details

response mediator protein 4 long, CRMP 4, CRMP4, Dihydropyrimidinase like 3, Dihydropyrimidinase related protein 3, DPYSL3, DRP 3, DRP3, LCRMP, TUC4, Ulip 1, ULIP, ULIP1, UNc 33 like phosphoprotein 1, Unc 33 like phosphoprotein.

Background: The collapsin response mediator protein (CRMP) family of five cytosolic phosphoproteins are highly expressed throughout brain development. The functions of CRMPs encompass signal transduction in developmental guidance cues as well as multiple cellular and molecular events involved in apoptosis/proliferation, cell migration, and differentiation. In the adult brain, the expression of CRMPs is dramatically downregulated. However, CRMPs remain expressed in structures that retain their capacity for differentiation and plasticity. The expression of CRMPs is altered in neurodegenerative diseases, and these proteins may have a role in the physiopathology of the adult nervous system.

Gene ID: 1809

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

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

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

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

Expiry Date: 12 months