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Datasheet for ABIN1695096

anti-DYX1C1 antibody (AA 51-120) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	DYX1C1
Binding Specificity:	AA 51-120
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYX1C1 antibody is conjugated to Alexa Fluor 488
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 DYX1C1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Chicken,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	DYX1C1
Alternative Name:	DYX1C1 (DYX1C1 Products)

Target Details

Background:	<p>Synonyms: Dyslexia susceptibility 1 candidate 1, Dyslexia susceptibility 1 candidate gene 1 protein, DYX1, DYX1C1, DYXC1, DYXC1_HUMAN, EKN1, FLJ37882, MGC70618, RD.</p> <p>Background: The gene encoding DYX1C1 maps in the 15q21 region, which is disrupted by a translocation t(2,15)(q11,q21) and segregates with dyslexia. Two sequence changes in DYX1C1, including one involving the translation initiation sequence and an Elk-1 transcription factor binding site (-3G --> A) and a codon (1249G --> T), introduce a premature stop codon and truncate the protein by 4 amino acids. DYX1C1 encodes a nuclear tetratricopeptide repeat domain protein that is dynamically regulated in brain. In human brain, DYX1C1 protein localizes to a fraction of cortical neurons and white matter glial cells. It is also expressed in lung, kidney and testis.</p>
Gene ID:	161582
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

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