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Datasheet for ABIN1700546

anti-DYX1C1 antibody (AA 51-120) (Biotin)



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Quantity:	100 μL
Target:	DYX1C1
Binding Specificity:	AA 51-120
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DYX1C1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

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:	Synonyms: Dyslexia susceptibility 1 candidate 1, Dyslexia susceptibility 1 candidate gene 1
	protein, DYX1, DYX1C1, DYXC1, DYXC1_HUMAN, EKN1, FLJ37882, MGC70618, RD.
	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.
Gene ID:	161582
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, Regulation of Intracellular Steroid
	Hormone Receptor Signaling
Application Details	
Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
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 for 12 months.
Expiry Date:	12 months