

Datasheet for ABIN185356

anti-DYX1C1 antibody (C-Term)



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2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	DYX1C1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This DYX1C1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	DYX1C1 (Isoform a)
Immunogen:	Peptide with sequence C-KIRNVIQGTELKS, from the C Terminus of the protein sequence according to NP_570722.2.
Sequence:	KIRNVIQGTE LKS
Isotype:	IgG
Specificity:	This antibody is expected to recognise only one of the three reported isoforms (NP_570722.2, isoform a).
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Product Details

Grade: Verified

Target Details

Target: DYX1C1

Alternative Name: DYX1C1 ([DYX1C1 Products](#))

Background: DYX1C1, DYX1, EKN1, DYXC1, FLJ37882, dyslexia susceptibility 1 candidate 1, MGC70618, RD

Gene ID: 161582, 67685

NCBI Accession: [NP_570722](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#)

Application Details

Application Notes: Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows cytoplasm staining in some of the neuronal cells. Recommended concentration, 5-10 µg/mL.

Western Blot: Lysates of COS1 transfected with full length recombinant Human DYX1C1 gave bands at approx 48 kDa after 0.1 µg/mL antibody staining. In addition, a minor band of 24 kDa is detected consistent with observations with N-terminal specific antibody

Peptide ELISA: antibody detection limit dilution 1:16000.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

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

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

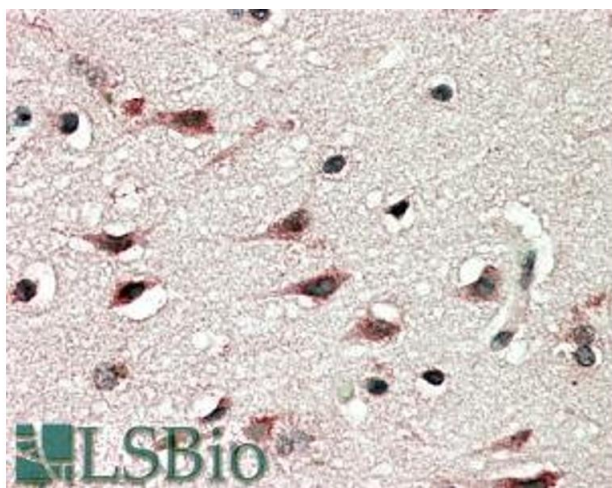
Handling

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Wang, Paramasivam, Thomas, Bai, Kaminen-Ahola, Kere, Voskuil, Rosen, Galaburda, Loturco: "DYX1C1 functions in neuronal migration in developing neocortex." in: **Neuroscience**, Vol. 143, Issue 2, pp. 515-22, (2006) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. ABIN185356 (5µg/ml) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

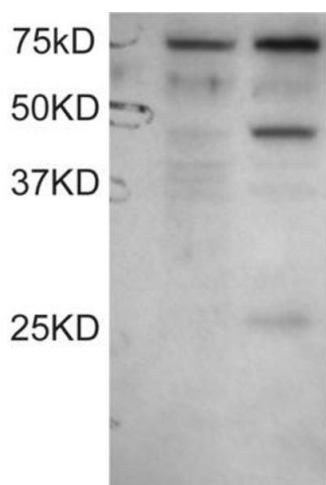


Image 2. ABIN185356 staining (0.1µg/ml) of COS1 cell lysates: untransfected (left lane) and transfected with full length recombinant Human DYX1C1 (right lane). Data kindly provided by Wang and LoTurco, University of Connecticut, USA.