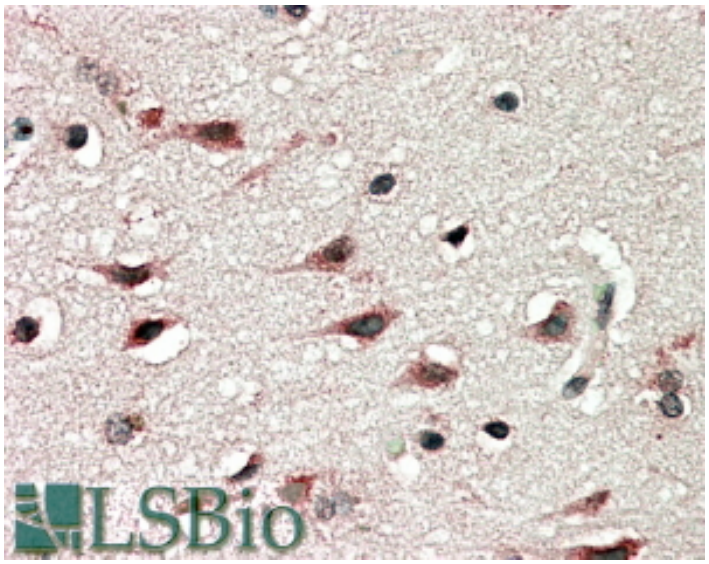
www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-DYX1C1 (ISOFORM A) ANTIBODY

SKU: EB06656



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	RD|MGC70618|dyslexia susceptibility 1 candidate 1|FLJ37882|DYXC1|EKN1|DYX1|DYX1C1
Accession ID	NP_570722.2
Blocking Peptide	EBP06656
Immunogen	Peptide with sequence C-KIRNVIQGTELKS, from the C Terminus of the protein sequence according to NP_570722.2.
Product Comments	This antibody is expected to recognise only one of the three reported isoforms (NP_570722.2, isoform a).
Peptide Sequence	C-KIRNVIQGTELKS
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat
Reactive Species	Human
Human Gene ID	161582
Mouse Gene ID	67685
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	In paraffin embedded Human Cerebral Cortex shows cytoplasm staining in some of the neuronal cells. Recommended concentration, 5-10µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:16000.
Western Blot	Lysates of COS1 transfected with full length recombinant Human DYX1C1 gave bands at approx 48kDa after 0.1µg/ml antibody staining. In addition, a minor band of 24kDa is detected consistent with observations with N-terminal specific antibodies (unpublished data, LoTurco, Connecticut, USA). The 75kDa band is visible in the non-transfected COS1 also (first lane) and is therefore non-specific. We call for caution when this product is used in other assays than Western blot. Data kindly provided by Wang and LoTurco, University of Connecticut, USA.
Application Type	Pep-ELISA, WB, IHC

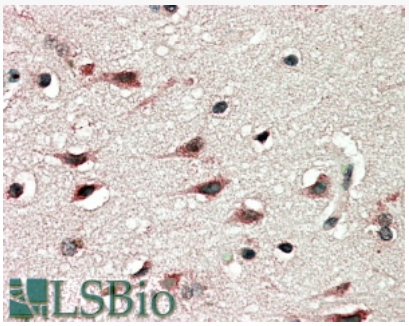
SELECTED REFERENCES

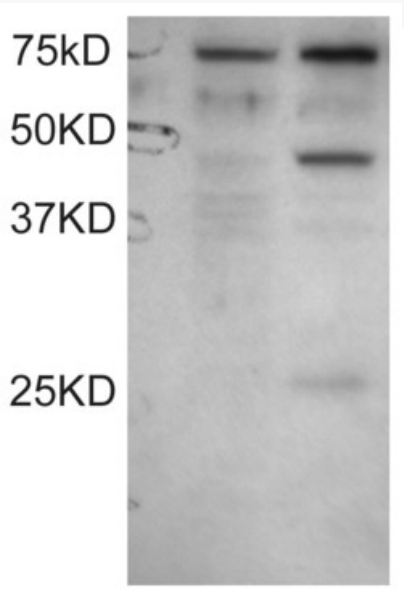
[{"pmid": 16989952, "intro": "**This antibody has been successfully used (in WB on Rat Brain (24kDa and 48kDa)) in the following paper:**", "title": "DYX1C1 functions in neuronal migration in developing neocortex.", "author": "Wang Y, Paramasivam M, Thomas A, Bai J, Kaminen-Ahola N, Kere J, Voskuil J, Rosen GD, Galaburda AM, Loturco JJ.", "journal": "Neuroscience. 2006 Dec 1;143(2):515-522. Epub 2006 Sep 20."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES


LSBio


75kD
50KD
37KD
25KD