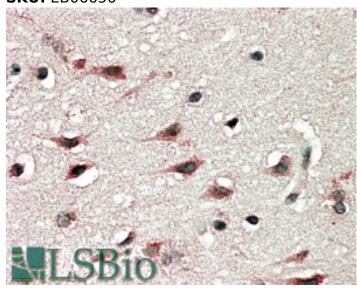




GOAT ANTI-DYX1C1 (ISOFORM A) ANTIBODY

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

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym /

Alias

RD|MGC70618|dyslexia susceptibility 1 candidate 1|FLJ37882|DYXC1|EKN1|DYX1|DYX1C1

Names

ID

Accession

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 Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.





Email: customerservice@vectorlabs.com

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Shipping

Refrigerated Instructions

Predicted

Human, Mouse, Rat

Species Reactive

Human **Species**

Human Gene ID 161582

Mouse

67685 **Gene ID**

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

Western

Blot

Antibody detection limit dilution 1:16000.

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 In addition, a minor band of 24kDa is detected consistent with observations with Nterminal specific antibodies (unpublished data, LoTurco, Connecticut, USA).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

Pep-ELISA, WB, IHC **Type**

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."}]

GALLERY IMAGES



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