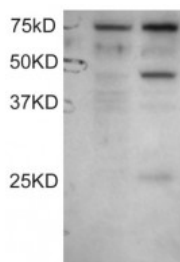


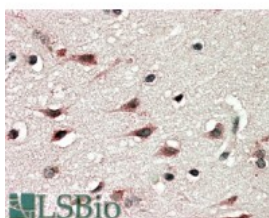


DYX1C1 Antibody

CATALOG NUMBER: 45-511



Western Blot staining (0.1ug/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.



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

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS:

APPLICATIONS:

ELISA: antibody detection limit dilution 1:16000. Western Blot: Lysates of COS1 transfected with full length recombinant Human DYX1C1 gave bands at approx 48kDa after 0.1ug/ml antibody staining. In addition, a minor band of 24kDa is detected consistent with observations with N-terminal specific antibody. Immunohistochemistry: In paraffin embedded Human Cerebral Cortex shows cytoplasm staining in some of the neuronal cells. Recommended concentration, 5-10ug/ml.

POSITIVE CONTROL:

1) COS1 Cell Lysate transfected

SPECIFICITY:

This antibody is expected to recognise only one of the three reported isoforms (NP_570722.2, isoform a).

IMMUNOGEN:

DYX1C1 antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of DYX1C1.

HOST SPECIES:

Goat

Properties

PURIFICATION:

DYX1C1 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

PHYSICAL STATE:

Liquid

BUFFER:

DYX1C1 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

CONCENTRATION:

500 ug/mL

STORAGE CONDITIONS:

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

CLONALITY:

Polyclonal

CONJUGATE:

Unconjugated

Additional Info

ALTERNATE NAMES:

DYX1C1, DYX1, EKN1, DYXC1, FLJ37882, dyslexia susceptibility 1 candidate 1

ACCESSION NO.: NP_570722.2

PROTEIN GI NO.: 75677570

OFFICIAL SYMBOL: DYX1C1

GENE ID: 161582

Background

REFERENCES: 1) Taipale M, Kaminen N, Nopola-Hemmi J, Haltia T, Myllyluoma B, Lyytinen H, Muller K, Kaaranen M, Lindsberg PJ, Hannula-Jouppi K, Kere J. A candidate gene for developmental dyslexia encodes a nuclear tetratricopeptide repeat domain protein dynamically regulated in brain. Proc Natl Acad Sci USA. 2003 Sep 30;100(20):11553-8. Epub 2003 Sep 03.

FOR RESEARCH USE ONLY

December 13, 2016