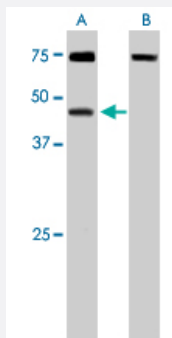


DYX1C1 polyclonal antibody

Catalog # PAB6746

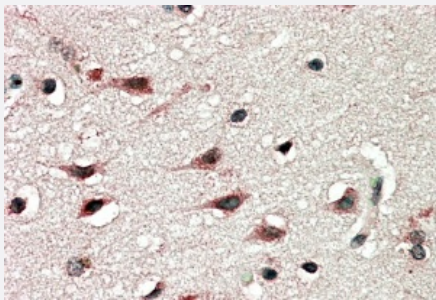
Size 100 ug

Applications



Western Blot (Transfected lysate)

DYX1C1 polyclonal antibody (Cat # PAB6746) staining (0.1 ug/mL) of COS-1 cell lysates: untransfected (right lane) and transfected with full length recombinant human DYX1C1 (left lane). Data kindly provided by Wang and LoTurco, University of Connecticut, USA.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

DYX1C1 polyclonal antibody (Cat # PAB6746) (5 ug/mL) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DYX1C1.
Immunogen	A synthetic peptide corresponding to human DYX1C1.
Sequence	C-KIRNVIQGTELKS
Host	Goat
Theoretical MW (kDa)	48.5
Reactivity	Human

Specificity	This antibody is expected to recognize only one of the three reported isoforms (NP_570722.2, isoform a).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Immunohistochemistry (5-10 ug/mL) Western Blot (0.1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

DYX1C1 polyclonal antibody (Cat # PAB6746) staining (0.1 ug/mL) of COS-1 cell lysates: untransfected (right lane) and transfected with full length recombinant human DYX1C1 (left lane). Data kindly provided by Wang and LoTurco, University of Connecticut, USA.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

DYX1C1 polyclonal antibody (Cat # PAB6746) (5 ug/mL) staining of paraffin embedded Human Cerebral Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DYX1C1

Entrez GeneID	161582
Protein Accession#	NP_570722.2
Gene Name	DYX1C1

Gene Alias	DYX1, DYXC1, EKN1, FLJ37882, MGC70618, RD
Gene Description	dyslexia susceptibility 1 candidate 1
Omim ID	127700 608706
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000162853

Publication Reference

- [DYX1C1 functions in neuronal migration in developing neocortex.](#)

Wang Y, Paramasivam M, Thomas A, Bai J, Kaminen-Ahola N, Kere J, Voskuil J, Rosen GD, Galaburda AM, Loturco JJ.
Neuroscience 2006 Sep; 143(2):515.

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Dyslexia](#)
- [Genetic Predisposition to Disease](#)
- [Intelligence Tests](#)
- [Memory](#)
- [NARP](#)
- [Neuropsychological Tests](#)
- [Psychomotor Performance](#)