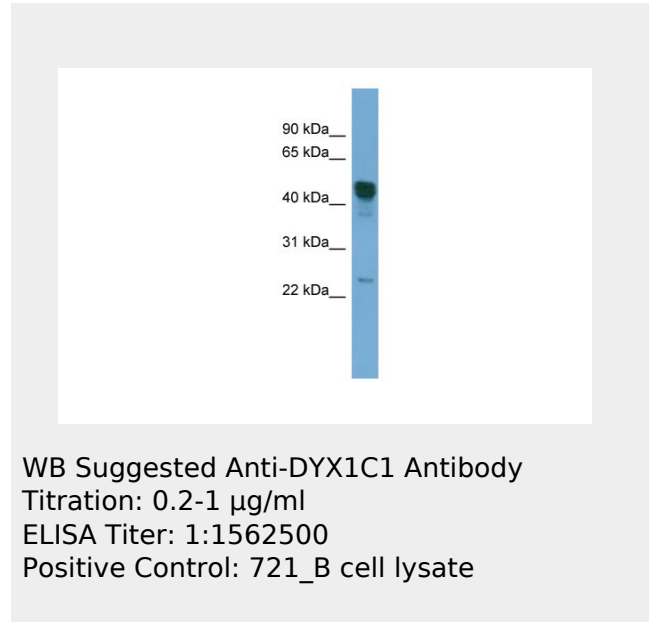


**DYX1C1 antibody - middle region**  
**Rabbit Polyclonal Antibody**  
 Catalog # AI13429

**Specification**

**DYX1C1 antibody - middle region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q8WXU2</a>
Other Accession	<a href="#">NM_130810</a> , <a href="#">NP_570722</a>
Reactivity	<b>Human, Mouse, Rat, Rabbit, Horse, Yeast, Bovine, Guinea Pig, Dog</b>
Predicted	<b>Mouse, Rat, Pig, Chicken, Bovine, Dog</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>48kDa KDa</b>



**DYX1C1 antibody - middle region - Additional Information**

**Gene ID** 161582

**Alias Symbol** **DYX1, DYXC1, EKN1, FLJ37882, MGC70618, RD**

**Other Names**

Dyslexia susceptibility 1 candidate gene 1 protein, DYX1C1, EKN1

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50 ul of distilled water. Final anti-DYX1C1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

DYX1C1 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

**DYX1C1 antibody - middle region - References**

Taipale M., et al. Proc. Natl. Acad. Sci. U.S.A. 100:11553-11558(2003).  
 Ota T., et al. Nat. Genet. 36:40-45(2004).  
 Zody M.C., et al. Nature 440:671-675(2006).  
 Wang Y., et al. Neuroscience 143:515-522(2006).  
 Massinen S., et al. Hum. Mol. Genet. 18:2802-2812(2009).

**DYX1C1 antibody - middle region - Protein Information**

**Name** DNAAF4 ([HGNC:21493](#))

**Synonyms** DYX1C1, EKN1

**Function**

Axonemal dynein assembly factor required for ciliary motility. Involved in neuronal migration during development of the cerebral neocortex. May regulate the stability and proteasomal degradation of the estrogen receptors that play an important role in neuronal differentiation, survival and plasticity.

**Cellular Location**

Nucleus. Cytoplasm. Dynein axonemal particle. Cell projection, neuron projection {ECO:0000250|UniProtKB:Q5VJS5}

**Tissue Location**

Expressed in several tissues, including brain, lung, kidney and testis. In brain localizes to a fraction of cortical neurons and white matter glial cells.

**DYX1C1 antibody - middle region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)