

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

DYX1C1 antibody - middle region - Product Information

Application	WB
Primary Accession	Q8WXU2
Other Accession	NM_130810 , NP_570722
Reactivity	Human, Mouse, Rat, Rabbit, Horse, Yeast, Bovine, Guinea Pig, Dog
Predicted Host	Mouse, Rat, Pig, Chicken, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 48kDa KDa

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 - 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}

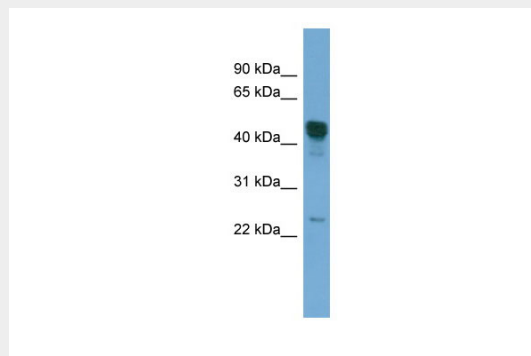
Tissue Location

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](#)

DYX1C1 antibody - middle region - Images

WB Suggested Anti-DYX1C1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: 721_B cell lysate

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).