

DYX1C1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13428

Product Information

Application	WB
Primary Accession	Q8WXU2
Other Accession	NM_130810 , NP_570722
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Mouse, Rat, Zebrafish, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48527

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 - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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).

Images



WB Suggested Anti-DYX1C1 Antibody Titration: 0.2-1
µg/ml
Positive Control: Hela cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.