

## ARG63753 anti-DYX1C1 / EKN1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes DYX1C1 / EKN1
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise only one of the three reported isoforms (NP_570722.2, isoform a).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	DYX1C1 / EKN1
Species	Human
Immunogen	C-KIRNVIQGTELKS
Conjugation	Un-conjugated
Alternate Names	DYX1; CILD25; Dyslexia susceptibility 1 candidate gene 1 protein; RD; EKN1; DYXC1; DNAAF4

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 - 10 µg/ml
	WB	0.1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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**Database links** [GeneID: 161582 Human](#)

[Swiss-port # Q8WXU2 Human](#)

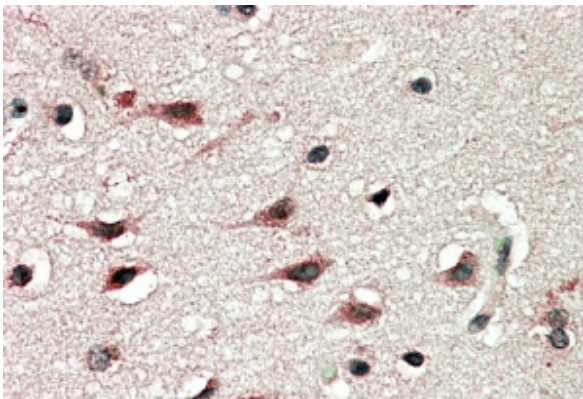
**Background** This gene encodes a tetratricopeptide repeat domain-containing protein. The encoded protein interacts with estrogen receptors and the heat shock proteins, Hsp70 and Hsp90. An homologous protein in rat has been shown to function in neuronal migration in the developing neocortex. A chromosomal translocation involving this gene is associated with a susceptibility to developmental dyslexia. Mutations in this gene are associated with deficits in reading and spelling. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream cell cycle progression 1 (CCPG1) gene. [provided by RefSeq, Mar 2011]

**Research Area** Controls and Markers antibody; Neuroscience antibody

**Calculated Mw** 49 kDa

## Images

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ARG63753 anti-DYX1C1 / EKN1 antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Cerebral Cortex. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63753 anti-DYX1C1 / EKN1 antibody at 5 µg/ml dilution followed by AP-staining.