



Mouse anti-Human DYX1C1 monoclonal antibody, clone 7H2 (CABT-B10155)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	DYX1C1 (NP_570722, 336 a.a. ~ 421 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	7H2
Conjugate	Unconjugated
Applications	WB, IF, IP, sELISA, ELISA
Sequence Similarities	KLKNLHKAIEDSSKALELLMPPVTDNANARMKAHVRGTAFCQLELYVEGLQDYEAALKI DPSNKIVQIDAEKIRNVIQGTELKS*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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
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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]

Keywords	DYX1C1; dyslexia susceptibility 1 candidate 1; RD; DYX1; EKN1; DYXC1; CILD25; DNAAF4; dyslexia susceptibility 1 candidate gene 1 protein; dynein, axonemal, assembly factor 4;
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GENE INFORMATION

Entrez Gene ID [161582](#)

UniProt ID [Q8WXU2](#)

Function estrogen receptor binding; protein binding
