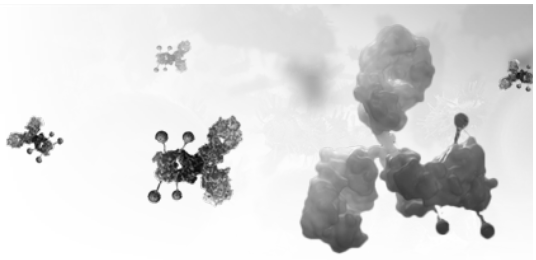

Mouse anti-Human LHX5 monoclonal antibody, clone 3C22 (CABT-B10562)

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

PRODUCT INFORMATION

Immunogen	LHX5 (NP_071758, 136 a.a. ~ 236 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	3C22
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	CTDRSLSPDLQDALQDDPKETDNSTSSDKETANNENEEQNSGTKRRGPRTTIKAKQLETL KAAFAATPKPTRHIREQLAQETGLNMRVIQVWFQNRRSKE*
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 protein belonging to a large protein family, members of which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as

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	a transcriptional regulator and be involved in the control of differentiation and development of the forebrain. In mice, this protein is essential for the regulation of precursor cell proliferation and the control of neuronal differentiation and migration during hippocampal development. This protein is involved in learning and motor functions in adult mice. [provided by RefSeq, Jul 2008]
Keywords	LHX5; LIM homeobox 5; LIM/homeobox protein Lhx5; LIM homeobox protein 5;

GENE INFORMATION

Entrez Gene ID	64211
UniProt ID	Q9H2C1
Function	metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding

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