



Mouse anti-Human LHX3 monoclonal antibody, clone 3D21 (CABT-B10560)

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

PRODUCT INFORMATION

Immunogen	LHX3 (NP_055379, 228 a.a. ~ 317 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	3D21
Conjugate	Unconjugated
Applications	WB,IF,ELISA
Sequence Similarities	RWGQYFRNMKRSRGGSKSDKDSVQEGQDSDAEVSFPDEPSLAEMGPANGLYGSLGEPTQA LGRPSGALGNFSLEHGGLAGPEQYRELRP*
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 member a large protein family which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor that is required
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for pituitary development and motor neuron specification. Mutations in this gene cause combined pituitary hormone deficiency 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

Keywords	LHX3; LIM homeobox 3; LIM3; CPHD3; M2-LHX3; LIM/homeobox protein Lhx3; LIM homeobox protein 3; LIM/homeodomain protein LHX3;
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GENE INFORMATION

Entrez Gene ID	8022
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UniProt ID	Q9UBR4
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Function	metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding
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