



## 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

<b>Immunogen</b>	LHX3 (NP_055379, 228 a.a. ~ 317 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3D21
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IF, ELISA
<b>Sequence Similarities</b>	RWGQYFRNMKRSRGGSKSDKDSVQEGQDSDAEVSPDEPSLAEMGPANGLYGSLGEPTQA LGRPSGALGNFSLEHGGLAGPEQYRELRP*
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### BACKGROUND

<b>Introduction</b>	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;

## GENE INFORMATION

Entrez Gene ID [8022](#)

UniProt ID [Q9UBR4](#)

**Function** metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding