



# Mouse anti-Human LHX4 monoclonal antibody, clone 2E7 (CABT-B10561)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	LHX4 (NP_203129, 291 a.a. ~400a.a) full-length 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>	2E7
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, IF, ELISA
<b>Sequence Similarities</b>	SMDGTGQSYQDLRDGSPYGIPQSPSSISLPSHAPLLNGLDYTEVDSNLGIIAHAGQGVSQ TLRAMAGGPTSDISTGSSVGYPDFPTSPGSWLDMDHPPF
<b>Format</b>	Liquid
<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 of a large protein family which contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor involved in the control of differentiation and development of the pituitary gland. Mutations in this gene cause
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combined pituitary hormone deficiency 4. [provided by RefSeq, Dec 2010]

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<b>Keywords</b>	LHX4; LIM homeobox 4; CPHD4; LIM/homeobox protein Lhx4; LIM homeobox protein 4;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">89884</a>
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<b>UniProt ID</b>	<a href="#">Q969G2</a>
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<b>Function</b>	metal ion binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; zinc ion binding;
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