



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

Immunogen	LHX4 (NP_203129, 291 a.a. ~400a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2E7
Conjugate	Unconjugated
Applications	WB, IHC, IF, ELISA
Sequence Similarities	<chem>SMDGTGQSYQDLRDKSPYGIPQSPSSISLPSHAPLLNGLDYTVDSNLGIIAHAGQQGVSQ</chem> <chem>TLRAMAGGPTSDISTGSSVGYPDFPTSPGSWLDEMDHPPF</chem>
Format	Liquid
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 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]

Keywords LHX4; LIM homeobox 4; CPHD4; LIM/homeobox protein Lhx4; LIM homeobox protein 4;

GENE INFORMATION

Entrez Gene ID [89884](#)

UniProt ID [Q969G2](#)

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