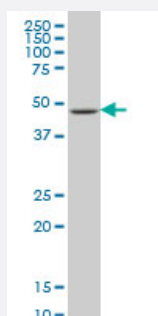


# LHX4 monoclonal antibody (M01), clone 4A11

Catalog # H00089884-M01

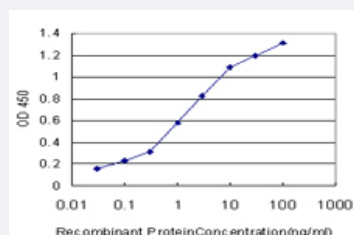
Size 100 ug

## Applications



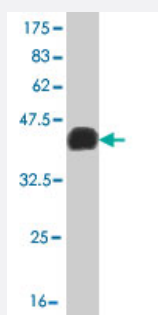
### Western Blot (Tissue lysate)

LHX4 monoclonal antibody (M01), clone 4A11. Western Blot analysis of LHX4 expression in human Skeletal muscle.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LHX4 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant LHX4.

<b>Immunogen</b>	LHX4 (NP_203129, 208 a.a. ~ 306 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	RRAKEKRLKKDAGRHRWGQFYKSVKRSRGSSKQEKESSAEDCGVSDSELSFREDQILSELGHTNRIYGNVGDVTGGQLMNGSFSDGTGQSYQDLRDGS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (99); Rat (99)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Tissue lysate)

LHX4 monoclonal antibody (M01), clone 4A11. Western Blot analysis of LHX4 expression in human Skeletal muscle.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LHX4 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — LHX4

Entrez GeneID [89884](#)

GeneBank Accession#	<a href="#">NM_033343</a>
Protein Accession#	<a href="#">NP_203129</a>
Gene Name	LHX4
Gene Alias	Gsh-4, Gsh4
Gene Description	LIM homeobox 4
Omim ID	<a href="#">602146 606606</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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 may function as a transcriptional regulator and be involved in control of differentiation and development of the pituitary gland. Mutations in this gene are associated with syndromic short stature and pituitary and hindbrain defects. An alternative splice variant has been described but its biological nature has not been determined. [provided by RefSeq]</p>
Other Designations	LIM homeobox protein 4 OTTHUMP00000033083

## Disease

- [Hypopituitarism](#)