

LHX4 rabbit monoclonal antibody

Catalog # H00089884-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LHX4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LHX4 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LHX4 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LHX4

Entrez GeneID	89884
GeneBank Accession#	LHX4
Gene Name	LHX4
Gene Alias	Gsh-4, Gsh4
Gene Description	LIM homeobox 4
Omim ID	602146 606606
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	LIM homeobox protein 4 OTTHUMP00000033083

Disease

- [Hypopituitarism](#)