LHX3 rabbit monoclonal antibody

Catalog # H00008022-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LHX3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LHX3 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 LHX3 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 — LHX3

Entrez GeneID	8022
GeneBank Accession#	LHX3
Gene Name	LHX3
Gene Alias	DKFZp762A2013, LIM3, M2-LHX3
Gene Description	LIM homeobox 3
Omim ID	262600 600577
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member a large protein family which carry the LIM domain, a unique cystein e-rich zinc-binding domain. The encoded protein is a transcription factor that is required for pituita ry development and motor neuron specification. Mutations in this gene have been associated with a syndrome of combined pituitary hormone deficiency and rigid cervical spine. Two transcripts var iants encoding distinct isoforms have been identified for this gene. [provided by RefSeq
Other Designations	LIM homeobox protein 3|LIM/homeodomain protein LHX3|OTTHUMP00000022567|OTTHUMP00 000022568

Disease

- Hypopituitarism