

Anti-LHX3 Rabbit Monoclonal Antibody

Catalog # ABO15859

Product Information

Application	WB, IP, FC
Primary Accession	Q9UBR4
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-LHX3 Rabbit Monoclonal Antibody . Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	8022
Other Names	LIM/homeobox protein Lhx3, LIM homeobox protein 3, LHX3
Calculated MW	43358
Application Details	WB 1:500-1:2000 IP 1:50 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 24L36
Immunogen	A synthesized peptide derived from human LHX3
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

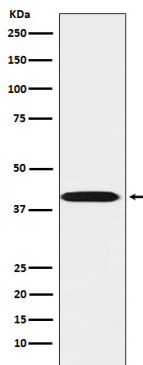
Name	LHX3
Function	Transcription factor. Recognizes and binds to the consensus sequence motif 5'-AATTAATTA-3' in the regulatory elements of target genes, such as glycoprotein hormones alpha chain CGA and visual system homeobox CHX10, positively modulating transcription; transcription can be co-activated by LDB2.

Synergistically enhances transcription from the prolactin promoter in cooperation with POU1F1/Pit-1 (By similarity). Required for the establishment of the specialized cells of the pituitary gland and the nervous system (PubMed:[21149718](#)). Involved in the development of interneurons and motor neurons in cooperation with LDB1 and ISL1 (By similarity).

Cellular Location

Nucleus.

Images



Western blot analysis of LHX3 expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.