

KD-Validated Anti-LIM Homeobox 3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1355

Product Information

Application	WB, FC, ICC
Primary Accession	Q9UBR4
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB3075
Calculated MW	43358
Gene Name	LHX3
Aliases	LHX3; LIM Homeobox 3; LIM/Homeobox Protein Lhx3; LIM Homeobox Protein 3; LIM/Homeodomain Protein LHX3; M2-LHX3; CPHD3; LIM3
Immunogen	A synthesized peptide derived from human LHX3

Additional Information

Gene ID	8022
Other Names	LIM/homeobox protein Lhx3, LIM homeobox protein 3, LHX3

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.

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