

Recombinant Anti-LHX3 Rabbit mAb

Catalog # AP95226

Product Information

Application	WB, FC, IP
Primary Accession	Q9UBR4
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	43358

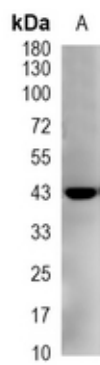
Additional Information

Gene ID	8022
Other Names	LIM/homeobox protein Lhx3; LIM homeobox protein 3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human LHX3 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IP~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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 (A) whole cell lysates. (Predicted band size: 43 kD; Observed band size: 43 kD)

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