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LHX3 Antibody
Rabbit mAb
Catalog # AP92440

Specification

LHX3 Antibody - Product Information

Application	**WB, FC, IP**
Primary Accession	Q9UBR4
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
CPHD3; LHX3; Lim3; M2 LHX3; mLim-3; mLIM3; P LIM;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**43358 Da**

LHX3 Antibody - Additional Information

Dilution	**WB~~1:1000** **FC~~1:10~50** **IP~~N/A**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human LHX3**
Description	**Acts as a transcriptional activator. Binds to and activates the promoter of the alpha-glycoprotein gene, and synergistically enhances transcription from the prolactin promoter in cooperation with Pit-1.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

LHX3 Antibody - 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).

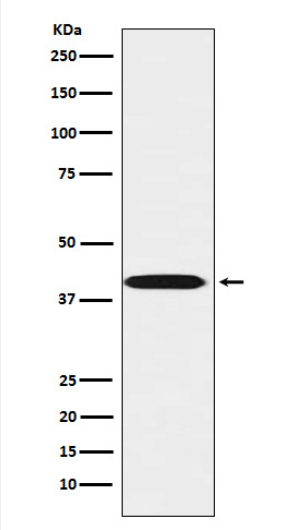
Cellular Location
Nucleus.

LHX3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LHX3 Antibody - Images



Western blot analysis of LHX3 expression in Jurkat cell lysate.