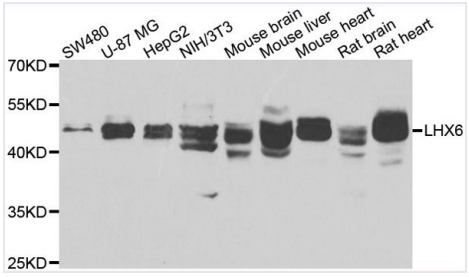
LHX6 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LHX6, Polyclonal Antibody
Full Product Name	LHX6
Product Gene Name	anti-LHX6 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Molecular Weight	363
OMIM	608215
3D Structure	ModBase 3D Structure for Q9UPM6
Species	Human
Immunogen	Recombinant Protein
Product Categories/Family for anti-LHX6 antibody	Polyclonal
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-LHX6 antibody	Western Blot (WB)
Related Product Information for anti-LHX6 antibody	MBS9127116 is an antibody targeting LHX6. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-LHX6 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-LHX6 antibody
Western blot analysis of extracts of various cell lines, using LHX6 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit.Exposure time: 90s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LHX6. It may not necessarily be applicable to this product.

NCBI GI #	90185239

NCBI GeneID	26468
NCBI Accession #	Q9UPM6.2
UniProt Primary Accession #	Q9UPM6
UniProt Secondary Accession #	Q5T7S7; Q5T7S8; Q9NTK3; Q9UPM5; A6PVQ1; A6PVQ2; A8K1B2; B7Z4D0; H0YN76
UniProt Related Accession #	Q9UPM6
NCBI Official Full Name	LIM/homeobox protein Lhx6
NCBI Official Synonym Full Names	LIM homeobox 6
NCBI Official Symbol	LHX6
NCBI Official Synonym Symbols	LHX6.1
UniProt Protein Name	LIM/homeobox protein Lhx6
UniProt Synonym Protein Names	LIM/homeobox protein Lhx6.1
Protein Family	LIM/homeobox protein
UniProt Gene Name	LHX6
UniProt Synonym Gene Names	LHX6.1; LIM homeobox protein 6
UniProt Entry Name	LHX6_HUMAN
NCBI Protein Information	LIM/homeobox protein Lhx6; LIM homeodomain protein 6.1; LIM/homeobox protein Lhx6.1
NCBI Summary for LHX6	This gene encodes a member of a large protein family that contains the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein may function as a transcriptional regulator and may be involved in the control of differentiation and development of neural and lymphoid cells. Two alternatively spliced transcript variants encoding distinct isoforms have been described for this gene. Alternatively spliced transcript variants have been identified, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]
UniProt Comments for LHX6	LHX6: Probable transcription factor required for the expression of a subset of genes involved in interneurons migration and development. Functions in the specification of cortical interneuron subtypes and in the migration of GABAergic interneuron precursors from the subpallium to the cerebral cortex. 5 isoforms of the human protein are produced by alternative splicing. Protein type: DNA-binding Chromosomal Location of Human Ortholog: 9q33.2 Cellular Component: nucleus Molecular Function: zinc ion binding; sequence-specific DNA binding; transcription factor activity Biological Process: cerebral cortex GABAergic interneuron migration; regulation of transcription, DNA-dependent; transcription, DNA-dependent; cerebral cortex tangential migration; cell maturation; cerebral cortex radially oriented cell migration; forebrain neuron fate commitment
Research Articles on LHX6	**1.** LHX6 is a putative tumour suppressor gene with epigenetic silencing in lung cancer.
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