

Rabbit LHX3 Polyclonal Antibody | anti-LHX3 antibody

LHX3 antibody - middle region

CATALOG # AAA197635	HOST Rabbit	REACTIVITY Tested: Human Predicted: Human; Cow; Dog; Guinea Pig; Horse; Mouse; Rat; Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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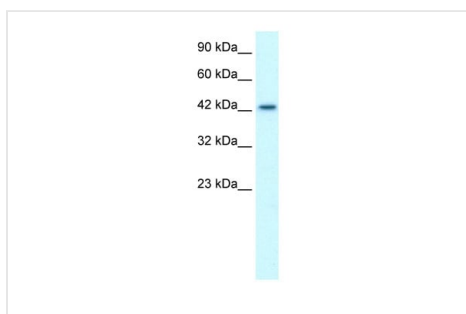
PRODUCT SYNONYMS

LHX3; Polyclonal Antibody; LHX3 antibody - middle region; anti-LHX3 antibody

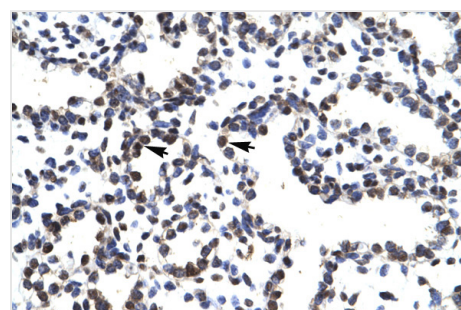
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Human; Cow; Dog; Guinea Pig; Horse; Mouse; Rat; Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QN RRAKEKRLKK DAGRQRWGQY FRNMKRSRGG SKSDKDSVQE GQDSDAEV
Sequence Length	402
Applicable Applications for anti-LHX3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 87%; Human: 100%; Mouse: 93%; Rat: 100%; Zebrafish: 80%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LHX3
Protein Size (#AA)	402 amino acids
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-LHX3 Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Human Lung



IHC (Immunohistochemistry)
Human Heart

ADDITIONAL INFORMATION

Related Product Information for anti-LHX3 antibody	This is a rabbit polyclonal antibody against LHX3. It was validated on Western Blot and immunohistochemistry Target Description: LHX3 encodes a member a large protein family which carry the LIM domain, a unique cysteine-rich zinc-binding domain. The encoded protein is a transcription factor that is required for pituitary development and motor neuron specification. Mutations in this gene have been associated with a syndrome of combined pituitary hormone deficiency and rigid cervical spine.
Product Categories/Family for anti-LHX3 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Developmental Biology; Disease Related; DNA/RNA/Protein Interactions; Immunohistochemistry; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657303
NCBI GeneID	8022
NCBI Accession #	NP_055379
NCBI GenBank Nucleotide #	NM_014564
UniProt Accession #	Q9UBR4-2; Q9UBR4
Molecular Weight	44kDa
NCBI Official Full Name	LIM/homeobox protein Lhx3 isoform b
NCBI Official Synonym Full Names	LIM homeobox 3
NCBI Official Symbol	LHX3
NCBI Official Synonym Symbols	LIM3; CPHD3; M2-LHX3
NCBI Protein Information	LIM/homeobox protein Lhx3
UniProt Protein Name	LIM/homeobox protein Lhx3
UniProt Gene Name	LHX3
UniProt Synonym Gene Names	LIM homeobox protein 3
UniProt Entry Name	LHX3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.