

Rabbit LHX8 Polyclonal Antibody | anti-LHX8 antibody

LHX8 Antibody

CATALOG # AAA326540	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

LHX8; Polyclonal Antibody; LHX8 Antibody; Lhx7; Lhx8; LHX8_HUMAN; LIM Homeobox 8; LIM homeobox protein 8; LIM Homeodomain 8; LIM/homeobox protein Lhx8; anti-LHX8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LHX8 antibody detects endogenous levels of total LHX8
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	356
Applicable Applications for anti-LHX8 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LHX8
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA326540 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of MCF7 cell lysate, using LHX8 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-LHX8 antibody	Description: The protein encoded by this gene is a member of the LIM homeobox family of proteins, which are involved in patterning and differentiation of various tissue types. These proteins contain two tandemly repeated cysteine-rich double-zinc finger motifs known as LIM domains, in addition to a DNA-binding homeodomain. This family member is a transcription factor that plays a role in tooth morphogenesis. It is also involved in oogenesis and in neuronal differentiation. This gene is a candidate gene for cleft palate, and it is also associated with odontoma formation. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012] Function: Transcription factor involved in differentiation of certain neurons and mesenchymal cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50083287
NCBI GeneID	431707
NCBI Accession #	NP_001001933.1
NCBI GenBank Nucleotide #	NM_001001933.1
UniProt Accession #	Q68G74; E9PGE3
Molecular Weight	Observed: 43 kDa Predicted: 40 kDa
NCBI Official Full Name	LIM/homeobox protein Lhx8 isoform 1
NCBI Official Synonym Full Names	LIM homeobox 8
NCBI Official Symbol	LHX8
NCBI Official Synonym Symbols	LHX7
NCBI Protein Information	LIM/homeobox protein Lhx8
UniProt Protein Name	LIM/homeobox protein Lhx8
UniProt Gene Name	LHX8
UniProt Synonym Gene Names	LIM homeobox protein 8

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lhx8-antibody-immunohistochemistry-western-blot-elisa/326540>