

LHX8 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57009

Specification

LHX8 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession <u>Q68G74</u>

Reactivity Rat, Pig, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 39 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

from human LHX8

Epitope Specificity 201-300/356

Isotype IgG
Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Nucleus.

SIMILARITY Contains 1 homeobox DNA-binding domain.

Contains 2 LIM zinc-binding domains. This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

Important Note

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]

LHX8 Polyclonal Antibody - Additional Information

Gene ID 431707

Other Names

LIM/homeobox protein Lhx8, LIM homeobox protein 8, LHX8

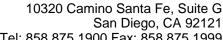
Dilution

WB~~1:1000/>span class

="dilution_IHC-P">IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution IF">IF~~1:50~200
span class = "dilution ICC">ICC~~N/A
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\>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

LHX8 Polyclonal Antibody - Protein Information

Name LHX8

Function

Transcription factor involved in differentiation of certain neurons and mesenchymal cells.

Cellular Location

Nucleus.

LHX8 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LHX8 Polyclonal Antibody - Images