

LHX8 Rabbit pAb

LHX8 Rabbit pAb
Catalog # AP57009

Product Information

| | |
|--------------------------------|---|
| Application | WB, IHC-P, IHC-F, IF, E |
| Primary Accession | Q68G74 |
| Predicted | Human, Mouse, Rat, Chicken, Pig |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 39301 |
| 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. |
| Important Note | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| Background Descriptions | 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] |

Additional Information

| | |
|--------------------|---|
| Gene ID | 431707 |
| Other Names | LIM/homeobox protein Lhx8, LIM homeobox protein 8, LHX8 |
| Dilution | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| 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. |

Protein Information

| | |
|--------------------------|--|
| Name | LHX8 |
| Function | Transcription factor involved in differentiation of certain neurons and mesenchymal cells. |
| Cellular Location | Nucleus. |

Background

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]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.