

HOXC11 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56674

Specification

HOXC11 Polyclonal Antibody - Product Information

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

Primary Accession
Reactivity

O43248
Rat, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 34 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human HOXC11

Epitope Specificity 211-304/304

Isotype Purity

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

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Nucleus.

SIMILARITY

Belongs to the Abd-B homeobox family.

Contains 1 homeobox DNA-binding domain.

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

Important Note

affinity purified by Protein A

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined. [provided by RefSeq, Jul 2008]

HOXC11 Polyclonal Antibody - Additional Information

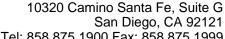
Gene ID 3227

Other Names

Homeobox protein Hox-C11, Homeobox protein Hox-3H, HOXC11, HOX3H

Dilution

WB~~1:1000<br \> IHC-P~~N/A<br \> <span class</pre>



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="dilution IHC-F">IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>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.

HOXC11 Polyclonal Antibody - Protein Information

Name HOXC11

Synonyms HOX3H

Function

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Binds to a promoter element of the lactase-phlorizin hydrolase gene.

Cellular Location

Nucleus.

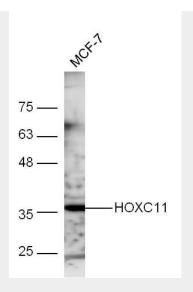
HOXC11 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HOXC11 Polyclonal Antibody - Images





Sample:

MCF-7 Cell (Human) Lysate at 30 ug

Primary: Anti-HOXC11 (bs-17366R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 34 kD Observed band size: 36 kD