10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HOXB13 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19162b

Specification

HOXB13 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q92826
Other Accession	Q1ECY2, P70321, NP_006352.2
Reactivity	**Mouse**
Predicted	**Zebrafish**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**30676**
Antigen Region	**223-251**

HOXB13 Antibody (C-term) - Additional Information

Gene ID 10481

Other Names
Homeobox protein Hox-B13, HOXB13

Target/Specificity
This HOXB13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 223-251 amino acids from the C-terminal region of human HOXB13.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
HOXB13 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HOXB13 Antibody (C-term) - Protein Information

Name HOXB13

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 preferentially to methylated DNA (PubMed:28473536).

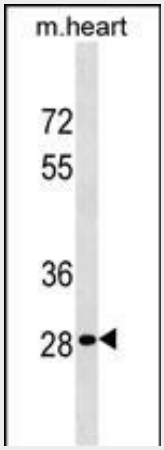
Cellular Location
Nucleus.

HOXB13 Antibody (C-term) - 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

HOXB13 Antibody (C-term) - Images



HOXB13 Antibody (C-term) (Cat. #AP19162b) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the HOXB13 antibody detected the HOXB13 protein (arrow).

HOXB13 Antibody (C-term) - Background

This gene encodes a transcription factor that belongs to the homeobox gene family. Genes of this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region.

HOXB13 Antibody (C-term) - References

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Kim, Y.R., et al. Mol. Cancer 9, 124 (2010) :
Norris, J.D., et al. Mol. Cell 36(3):405-416(2009)
Goetz, M.P., et al. Clin. Cancer Res. 14(18):5864-5868(2008)
Rodriguez, B.A., et al. Carcinogenesis 29(7):1459-1465(2008)