

HMX2 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7266b**Specification**

HMX2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	P43687
Other Accession	Q8JJ64 , P42581 , A6NHT5 , Q504H8 , Q57601 , A2RU54 , NP_666110
Reactivity	Mouse
Predicted	Human, Chicken, Zebrafish, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	149-180

HMX2 Antibody (C-term) - Additional Information**Gene ID** 15372**Other Names**

Homeobox protein HMX2, Homeobox protein Nkx-52, Hmx2, Nkx-52, Nkx5-2

Target/Specificity

This HMX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-180 amino acids of mouse HMX2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

HMX2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HMX2 Antibody (C-term) - Protein Information**Name** Hmx2

Synonyms Nkx-5.2, Nkx5-2

Function Transcription factor involved in specification of neuronal cell types and which is required for inner ear and hypothalamus development.

Cellular Location

Nucleus.

Tissue Location

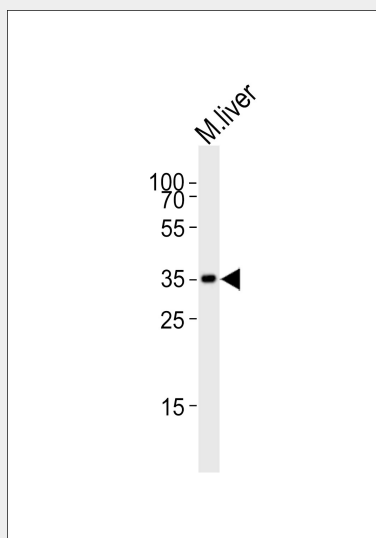
Expressed in the developing CNS, including a specific expression in vestibular structures throughout inner ear development.

HMX2 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 Cytometry](#)
- [Cell Culture](#)

HMX2 Antibody (C-term) - Images



Western blot analysis of lysate from mouse liver tissue lysate, using Hmx2 Antibody(C-term)(Cat. #AP7266B). AP7266B was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

HMX2 Antibody (C-term) - Background

Homeobox genes represent a class of transcription factors that play key roles in the regulation of embryogenesis and development. Here we report the identification of a homeobox-containing gene family that is highly conserved at both the nucleotide and amino acid levels in a diverse number of species. These species encompass both vertebrate and invertebrate phylogenies, ranging from

Homo sapiens to Drosophila melanogaster.

HMX2 Antibody (C-term) - References

Wang,W., Dev. Cell 7 (3), 439-453 (2004)