

# HMX1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56934

## Product Information

---

<b>Application</b>	WB, IHC-P, IHC-F, IF, ICC
<b>Primary Accession</b>	<a href="#">Q9NP08</a>
<b>Reactivity</b>	Rat, Pig, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	36155
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human HMX1
<b>Epitope Specificity</b>	181-280/348
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Nuclear
<b>SIMILARITY</b>	Belongs to the HMX homeobox family. Contains 1 homeobox DNA-binding domain.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	This gene encodes a transcription factor that belongs to the H6 family of homeobox proteins. This protein can bind a 5'-CAAG-3' core DNA sequence, and it is involved in the development of craniofacial structures. Mutations in this gene cause oculoauricular syndrome, a disorder of the eye and external ear. [provided by RefSeq, Oct 2009]

## Additional Information

---

<b>Gene ID</b>	3166
<b>Other Names</b>	Homeobox protein HMX1, Homeobox protein H6, HMX1, H6
<b>Dilution</b>	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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

---

<b>Name</b>	HMX1
<b>Synonyms</b>	H6
<b>Function</b>	DNA-binding protein that binds to the 5'-CAAG-3' core sequence. May function as a transcriptional repressor. Seems to act as a transcriptional antagonist of NKX2-5. May play an important role in the development of craniofacial structures such as the eye and ear.
<b>Cellular Location</b>	Nucleus.

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