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HMX1 Rabbit pAb

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Catalog # AP56934

Product Information

Application	WB
Primary Accession	Q9NP08
Reactivity	Rat, Mouse
Predicted	Pig, Dog, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36155
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HMX1
Epitope Specificity	181-280/348
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	Nuclear
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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

Gene ID	3166
Other Names	Homeobox protein HMX1, Homeobox protein H6, HMX1, H6
Dilution	WB=1:500-2000
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

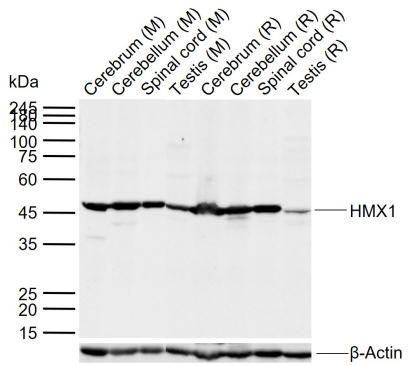
Name	HMX1
Synonyms	H6

Function	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.
Cellular Location	Nucleus.

Background

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Images



Sample:
Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Mouse Cerebellum tissue lysates
Lane 3: Mouse Spinal cord tissue lysates
Lane 4: Mouse Testis tissue lysates
Lane 5: Rat Cerebrum tissue lysates
Lane 6: Rat Cerebellum tissue lysates
Lane 7: Rat Spinal cord tissue lysates
Lane 8: Rat Testis tissue lysates
Primary: Anti-HMX1 (AP56934) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 36 kDa
Observed band size: 48 kDa

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