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HOXA1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51262

Specification

HOXA1 Antibody - Product Information

Application	**WB, IP, ICC, IHC-P, E**
Primary Accession	P49639
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**37 KDa**

HOXA1 Antibody - Additional Information

Gene ID 3198

Other Names
Homeobox protein Hox-A1, Homeobox protein Hox-1F, HOXA1, HOX1F

Format
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage
Store at -20 °C.Stable for 12 months from date of receipt

HOXA1 Antibody - Protein Information

Name HOXA1

Synonyms HOX1F

Function
Sequence-specific transcription factor (By similarity). Regulates multiple developmental processes including brainstem, inner and outer ear, abducens nerve and cardiovascular development and morphogenesis as well as cognition and behavior (PubMed:16155570). Also part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Acts on the anterior body structures. Seems to act in the maintenance and/or generation of hindbrain segments (By similarity). Activates transcription in the presence of PBX1A and PKNOX1 (By similarity).

Cellular Location
Nucleus {ECO:0000250|UniProtKB:P09022}.

HOXA1 Antibody - Protocols

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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

HOXA1 Antibody - Images

HOXA1 Antibody - Background

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Acts on the anterior body structures. Seems to act in the maintenance and/or generation of hindbrain segments.

HOXA1 Antibody - References

Hong Y.S.,et al.Gene 159:209-214(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Scherer S.W.,et al.Science 300:767-772(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 424:157-164(2003).