

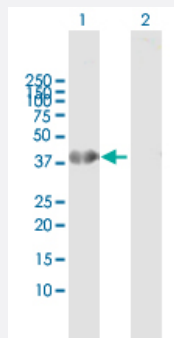
MaxPab®

HOXA1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00003198-D01

Size 100 uL

Applications

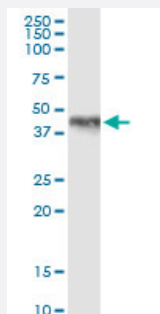


Western Blot (Transfected lysate)

Western Blot analysis of HOXA1 expression in transfected 293T cell line ([H00003198-T01](#)) by HOXA1 MaxPab polyclonal antibody.

Lane 1: HOXA1 transfected lysate(36.60 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of HOXA1 transfected lysate using anti-HOXA1 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with HOXA1 purified MaxPab mouse polyclonal antibody (B01P) ([H00003198-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human HOXA1 protein.

Immunogen

HOXA1 (NP_005513.1, 1 a.a. ~ 335 a.a) full-length human protein.

Sequence

MDNARMNSFLEYPIILSSGDSGTCSARAYPSDHRITTFQSCAVSANS CGGDDRFLVGRGVQIGSP
HHHHHHHHHPQPATYQTS GNLGVSYSHSSCGPSYGSQNF SAPYSPYALNQEADVSGGY PQCA
PAVYSGNLSSPMVQH HHHHHQGYAGGAVGSPQYIHHSYGQEHQSLALATYNNLSPLHASHQEAC
RSPASETSSPAQTFDWMKV KRNPPKTGKVG EYGLGQPN AVRTNFTTKQLTELEKEFHFNKYLT
RARRVEIAASLQLNETQVKIWFQNR RMKQKKREKEGLLPISPATPPGNDEKAEESSEKSSSSPCV
PSPGSSTSDTLTTS H

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — HOXA1

Entrez GeneID	3198
GeneBank Accession#	NM_005522.4
Protein Accession#	NP_005513.1
Gene Name	HOXA1
Gene Alias	BSAS, HOX1, HOX1F, MGC45232
Gene Description	homeobox A1
Omim ID	142955 601536
Gene Ontology	Hyperlink

Gene Summary

In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. The encoded protein may be involved in the placement of hindbrain segments in the proper location along the anterior-posterior axis during development. Two transcript variants encoding two different isoforms have been found for this gene, with only one of the isoforms containing the homeodomain region. [provided by RefSeq]

Other Designations

HOX A1 homeodomain protein|Hox 1.6-like protein|homeo box A1|homeobox 1F|homeobox protein HOX-A1|lab-like protein

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Child Development Disorders](#)
- [Fragile X syndrome](#)
- [Functional Laterality](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Schizophrenia](#)
- [Social Perception](#)