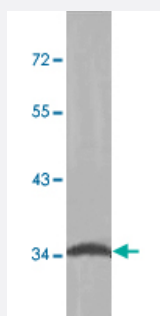


# HOXA1 polyclonal antibody

Catalog # PAB19786

Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with HOXA1 polyclonal antibody (Cat # PAB19786) at 1:400 dilution.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of HOXA1.
<b>Immunogen</b>	A synthetic peptide corresponding to 15 amino acids at internal region of human HOXA1.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Peptide affinity purification
<b>Recommend Usage</b>	ELISA (1:20000-1:80000) Western Blot (1:200-1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In serum (0.02% sodium azide)
<b>Storage Instruction</b>	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysate with HOXA1 polyclonal antibody (Cat # PAB19786) at 1:400 dilution.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — HOXA1

Entrez GeneID [3198](#)

Protein Accession# [NM\\_005522](#)

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](#)