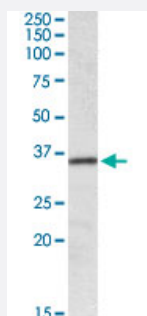


# HOXA4 polyclonal antibody

Catalog # PAB18558

Size 100 ug

## Applications



### Western Blot (Tissue lysate)

HOXA4 polyclonal antibody (Cat # PAB18558) (0.1 ug/mL) staining of human colon lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of HOXA4.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human HOXA4.
<b>Sequence</b>	C-QAKGPAHGLHASH
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	36
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Recommend Usage</b>	ELISA (1:32000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — HOXA4

**Entrez GeneID**[3201](#)**Protein Accession#**[NP\\_002132.3](#)**Gene Name**

HOXA4

**Gene Alias**

HOX1, HOX1D

**Gene Description**

homeobox A4

**Omim ID**[142953](#)**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. [provided by RefSeq]

**Other Designations**

Dfd-like protein|Hox-1.4-like protein|homeobox A4|homeobox protein HOX-A4

## Disease

- [Hypospadias](#)