

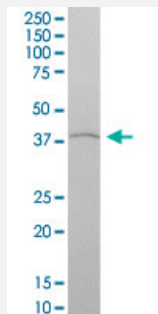
MaxPab®

# HOXA4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003201-B01P

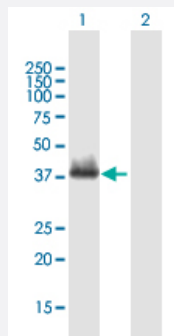
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

HOXA4 MaxPab polyclonal antibody. Western Blot analysis of HOXA4 expression in human kidney.



### Western Blot (Transfected lysate)

Western Blot analysis of HOXA4 expression in transfected 293T cell line ([H00003201-T01](#)) by HOXA4 MaxPab polyclonal antibody.

Lane 1: HOXA4 transfected lysate(35.2 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human HOXA4 protein.

### Immunogen

HOXA4 (AAI60036.1, 1 a.a. ~ 320 a.a) full-length human protein.

### Sequence

MTMSSFLINSNYIEPKFPPFEEY AQHSGSGGADGGPGGGPGYQQPPAPPTQHLPLQQPQLPHAG  
GGREPTASYAPRTAREPAYPAAALYP AHGAADTAYPYGYRGGASPGRPPQPEQPPAQAKGPA  
HGLHASHVLQPQLPPPLQPRAVPPAAPRRCEAAPATPGVPAGGSAPACPLLLADKSPLGLKGK  
EPVVYPWMKKIHVSAVNPSYNGGEPKRSRTAYTRQQVLELEKEFHFNRYLTRRRRIEIAHTLCLSE  
RQVKIWFQNRMKWKKDKHLKLPNTKMRSSNSASASAGPPGKAQTQSPHLHPHPHPSTSTPVPSS  
I

### Host

Mouse

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Reactivity                    | Human                                                                    |
| Interspecies Antigen Sequence | Mouse (68); Rat (65)                                                     |
| Quality Control Testing       | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer                | In 1x PBS, pH 7.4                                                        |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Tissue lysate)

HOXA4 MaxPab polyclonal antibody. Western Blot analysis of HOXA4 expression in human kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of HOXA4 expression in transfected 293T cell line ([H00003201-T01](#)) by HOXA4 MaxPab polyclonal antibody.

Lane 1: HOXA4 transfected lysate(35.2 KDa).

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[Protocol Download](#)

## Gene Info — HOXA4

|                     |                            |
|---------------------|----------------------------|
| Entrez GeneID       | <a href="#">3201</a>       |
| GeneBank Accession# | <a href="#">BC160036.1</a> |
| Protein Accession#  | <a href="#">AA160036.1</a> |
| Gene Name           | HOXA4                      |
| Gene Alias          | HOX1, HOX1D                |
| Gene Description    | homeobox A4                |
| Omim ID             | <a href="#">142953</a>     |
| Gene Ontology       | <a href="#">Hyperlink</a>  |

**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|homeo box A4|homeobox protein HOX-A4

**Disease**

- [Hypospadias](#)