

HOXA6 polyclonal antibody

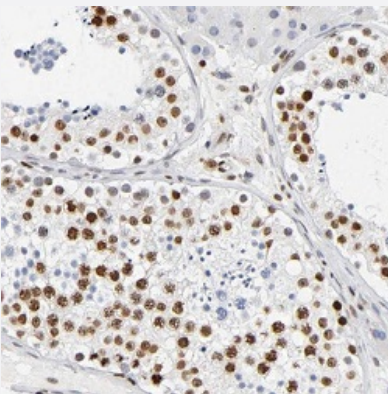
Catalog # PAB31039 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of (1) Negative control (vector only transfected HEK293T lysate), and (2) Over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis shows strong nuclear positivity in cells of seminiferous ducts.

Specification

| | |
|----------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against partial recombinant human HOXA6. |
| Immunogen | Recombinant protein corresponding to human HOXA6. |
| Sequence | LYQAGYDALRPFPPASYGASSLPDKTYTSPCFYQQSNSVLACNRASYEYGASCFYSDKDLSGASPSGSGKQRGPGDYLHFSPEQQYKPDSSSGQGKALHDEGADRKYTSPV |
| Host | Rabbit |
| Reactivity | Human |

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purification |
| Isotype | IgG |
| Recommend Usage | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Western Blot (1:100-250) The optimal working dilution should be determined by the end user. |
| Storage Buffer | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide). |
| Storage Instruction | Store at 4°C. For long term storage 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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Gene Info — HOXA6

| | |
|--------------------|---------------------------|
| Entrez GeneID | 3203 |
| Protein Accession# | P31267 |
| Gene Name | HOXA6 |
| Gene Alias | HOX1, HOX1.2, HOX1B |
| Gene Description | homeobox A6 |
| Omim ID | 142951 |
| 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

homeo box 1B|homeo box A6|homeobox protein HOXA6