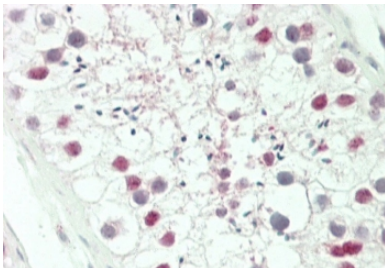


## HOXA3 Antibody (F55048)

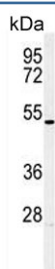
| Catalog No.   | Formulation                                | Size    |
|---------------|--|---------|
| F55048-0.4ML  | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml  |
| F55048-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

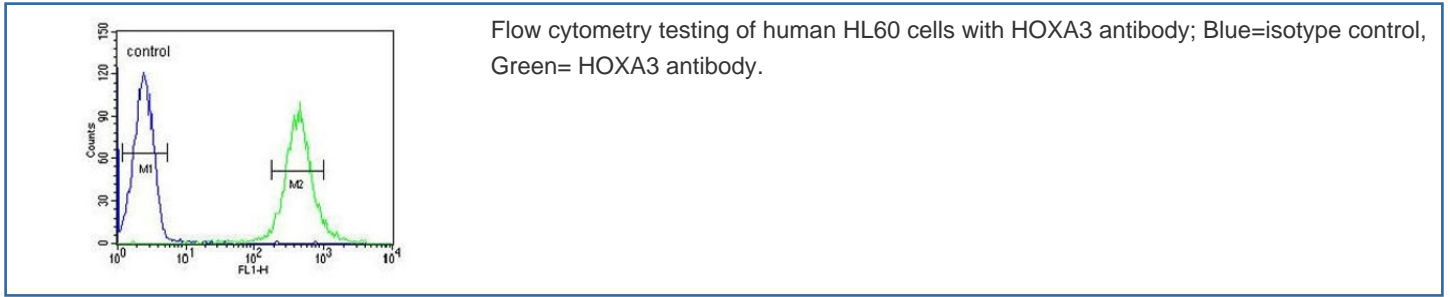
|                           |  |
|---------------------------|--|
| <b>Availability</b>       | 1-3 business days  |
| <b>Species Reactivity</b> | Human  |
| <b>Format</b>             | Purified   |
| <b>Host</b>               | Rabbit   |
| <b>Clonality</b>          | Polyclonal (rabbit origin)   |
| <b>Isotype</b>            | Rabbit Ig  |
| <b>Purity</b>             | Antigen affinity purified  |
| <b>UniProt</b>            | O43365   |
| <b>Applications</b>       | Flow Cytometry : 1:10-1:50 (1x10e6 cells)<br>Immunohistochemistry (FFPE) : 1:50-1:100<br>Western Blot : 1:500-1:1000 |
| <b>Limitations</b>        | This HOXA3 antibody is available for research use only.  |



IHC testing of FFPE human testis tissue with HOXA3 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human HL60 cell lysate with HOXA3 antibody. Predicted molecular weight ~46 kDa.



## Description

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.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the HOXA3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 413-440 from the human protein was used as the immunogen for the HOXA3 antibody.

## Storage

Aliquot the HOXA3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.