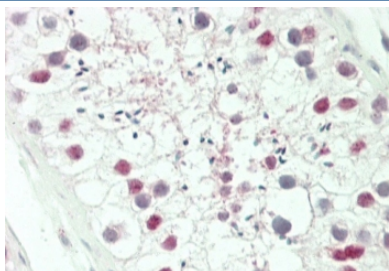


HOXA3 Antibody (F55048)

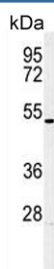
Catalog No.	Formulation	Size
F55048-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55048-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

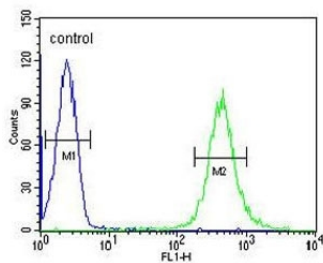
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O43365
Applications	Flow Cytometry : 1:10-1:50 (1x10 ⁶ cells) Immunohistochemistry (FFPE) : 1:50-1:100 Western Blot : 1:500-1:1000
Limitations	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.



Flow cytometry testing of human HL60 cells with HOXA3 antibody; Blue=isotype control, Green= HOXA3 antibody.

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.