

## HOXA1 Rabbit Polyclonal Antibody

Catalog No: #55042

Package Size: #55042-1 50ul #55042-2 100ul

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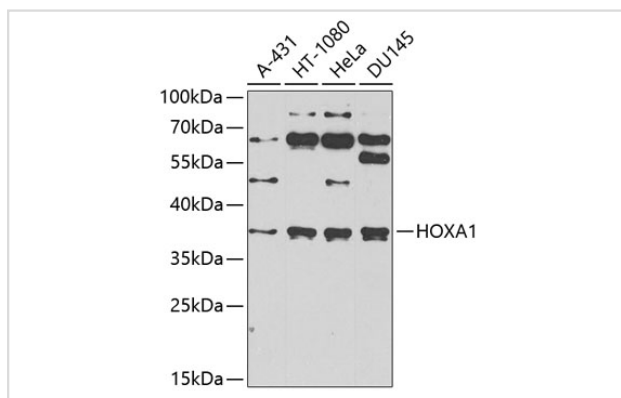
## Description

Product Name	HOXA1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human HOXA1 (NP_005513.1).
Conjugates	Unconjugated
Other Names	HOXA1;BSAS;HOX1;HOX1F
Accession No.	Uniprot:P49639GeneID:3198
Calculated MW	14kDa/24kDa/36kDa
SDS-PAGE MW	37kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using HOXA1 antibody.

## Background

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. The encoded protein may be involved in the placement of hindbrain segments in the proper location along the anterior-posterior axis during

development. Two transcript variants encoding two different isoforms have been found for this gene, with only one of the isoforms containing the homeodomain region.

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.