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Datasheet for ABIN3031249

## anti-HOXA4 antibody (N-Term)

### 5 Images

#### Overview

Quantity:	100 µg
Target:	HOXA4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

#### Product Details

Immunogen:	An amino acid sequence from the N-terminus of human HOXA4 (NSNYIEPKFPPFEEYAQH) was used as the immunogen for this HOXA4 antibody.
Isotype:	IgG
Purification:	Antigen affinity

#### Target Details

Target:	HOXA4
Alternative Name:	HOXA4 ( <a href="#">HOXA4 Products</a> )
Background:	HOXA4(HOMEBOX A4), also known as HOX1D or HOMOLOG OF, is a protein that in humans is encoded by the HOXA4 gene, which is also part of the A cluster on chromosome 7. HOXA4

## Target Details

encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Its cytogenetic location is 7q15.2. 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.

UniProt: [Q00056](#)

## Application Details

**Application Notes:** The stated application concentrations are suggested starting amounts. Titration of the HOXA4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\  
Western blot: 0.5-1 µg/mL, IHC (Paraffin): 0.5-1 µg/mL, Immunocytochemistry: 0.5-1 µg/mL

**Restrictions:** For Research Use only

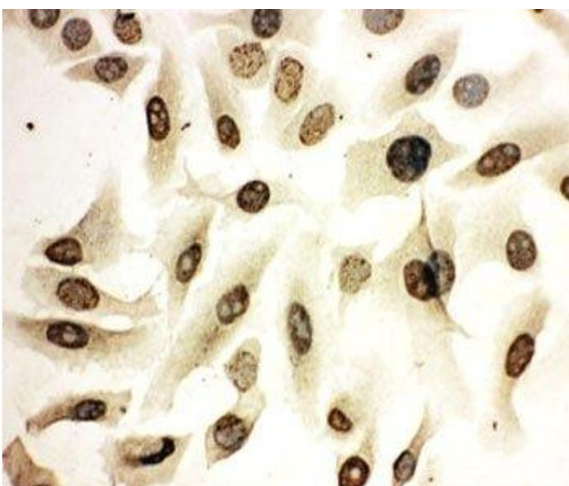
## Handling

**Buffer:** 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

**Storage:** -20 °C

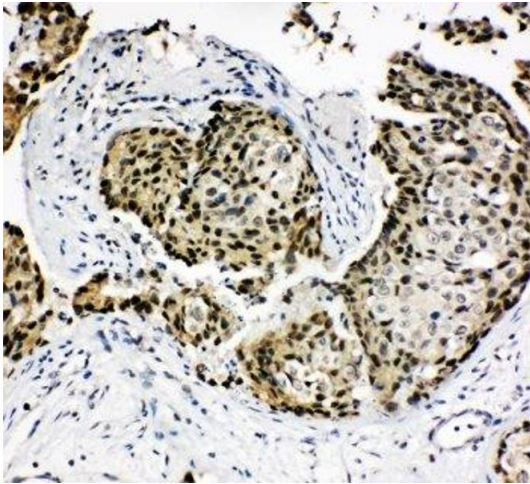
**Storage Comment:** After reconstitution, the HOXA4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



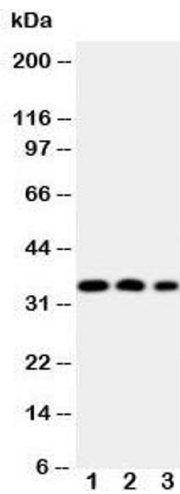
### Immunocytochemistry

**Image 1.** ICC testing of HeLa cells



### Immunohistochemistry

**Image 2.** IHC-P: HOXA4 antibody testing of human breast cancer tissue



### Western Blotting

**Image 3.** Western blot testing of HOXA4 antibody and Lane 1: SW620; 2: SW620; 3: PC-12 cell Nuclear lysate

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031249.