

Datasheet for ABIN1413614

**anti-HOXC4 antibody (AA 181-264) (HRP)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	HOXC4
Binding Specificity:	AA 181-264
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HOXC4 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HOXC4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Horse, Rabbit, Zebrafish
Purification:	Purified by Protein A.

## Target Details

Target:	HOXC4
Alternative Name:	HOXC4 ( <a href="#">HOXC4 Products</a> )
Background:	Synonyms: CP 19, CP19, Homeo box 3E, Homeo box C4, Homeo box protein HoxC4, Homeobox

## Target Details

3E, Homeobox C4, Homeobox protein CP19, Homeobox protein Hox C4, Homeobox protein Hox-3E, Homeobox protein Hox-C4, Homeobox protein HoxC4, Homeobox3E, HomeoboxC4, HOX 3, Hox 3E, HOX C4, HOX3, Hox3E, H0XC 4, Hoxc4, HXC4\_HUMAN.

Background: Homeobox (HOX) genes, which share a highly conserved 183-bp sequence, encode proteins capable of binding to specific DNA sequences and functioning as transcription factors. During embryogenesis, HOX genes play a critical role in the spatial and temporal differentiation of cells. HoxC4, a sequence-specific transcription factor, belongs to the Antp HOX family and localizes to the nucleus. It functions as a part of a developmental regulatory system, providing cells with specific positional identities on the anterior-posterior axis. HoxC4 expression levels increase with differentiation of lymphoid cells, suggesting its role in the molecular regulation of hematopoiesis. HoxC4 is also expressed in differentiated keratinocytes.

Gene ID: 3221

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

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Expiry Date: 12 months