

Datasheet for ABIN1387401  
**anti-Homeobox C6 antibody (AA 155-235)**



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## Overview

Quantity:	100 µL
Target:	Homeobox C6 (HOXC6)
Binding Specificity:	AA 155-235
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Homeobox C6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HOXC6
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	Homeobox C6 (HOXC6)
Alternative Name:	HOXC6 ( <a href="#">HOXC6 Products</a> )

## Target Details

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**Background:** Synonyms: CP25, HHO.C8, Homeo box 3C, Homeo box C6, Homeo box C8 protein, Homeobox C6, Homeobox protein CP25, Homeobox protein HHO.C8, Homeobox protein Hox-3C, Homeobox protein Hox-C6, HOX3, HOX3C, Hoxc6, HXC6\_HUMAN.

**Background:** The Hox proteins play a role in development and cellular differentiation by regulating downstream target genes. Specifically, the Hox proteins direct DNA-protein and protein-protein interactions that assist in determining the morphologic features associated with the anterior-posterior body axis. The mammalian HOX gene complex consists of 39 genes that are located on 4 linkage groups, which are dispersed over 4 chromosomes. HOX genes that occupy the same relative position along the 5' to 3' coordinate (trans-paralogous genes) are more similar in sequence and expression pattern than adjacent HOX genes on the same chromosome. HoxC6 sequence-specific transcription factor is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. HOXC6 may be a novel potential therapeutic target for prostate cancer.

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**Gene ID:** 3223

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## Application Details

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**Application Notes:** WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months