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# anti-Homeobox C6 antibody (AA 160-240)



Image



#### Overview

Quantity:	100 μL
Target:	Homeobox C6 (HOXC6)
Binding Specificity:	AA 160-240
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Homeobox C6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))

#### **Product Details**

Purpose:	Hox-C6 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the C-terminal region of human Hox-C6 at AA range: 160-240
Isotype:	IgG
Specificity:	Hox-C6 Polyclonal Antibody detects endogenous levels of Hox-C6 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

# Target Details

Target: Homeobox C6 (HOXC6)			
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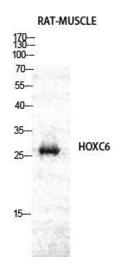
# Target Details

Alternative Name:	Hox-C6 (HOXC6 Products)
Background:	Rabbit Anti-Hox-C6 Polyclonal Antibody,HOXC6, HOX3C, Homeobox protein Hox-C6, Homeobox
	protein CP25, Homeobox protein HHO.C8, Homeobox protein Hox-3C,HOXC6 belongs to the
	homeobox family, members of which encode a highly conserved family of transcription factors
	that play an important role in morphogenesis in all multicellular organisms. Mammals possess
	four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on
	different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene, HOXC6, is
	one of several HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5,
	HOXC4 and HOXC6, share a 5' non-coding exon. Transcripts may include the shared exon
	spliced to the gene-specific exons, or they may include only the gene-specific exons.
	Alternatively spliced transcript variants encoding different isoforms have been identified for
	HOXC6. Transcript variant two includes the shared exon, and transcript variant one includes
	only gene-specific exons.,Homeobox protein Hox-C6
Molecular Weight:	observerd band 26kDa
Gene ID:	3223
UniProt:	P09630
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested
	starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), IF (1:200-1:1000),
	ELISA (1:10000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

#### Handling

Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

#### **Images**



# **Western Blotting**

**Image 1.** Western Blot analysis of RAT-MUSCLE cells using Hox-C6 Polyclonal Antibody diluted at 1:2000.