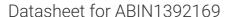
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anti-Homeobox C5 antibody (AA 151-222) (Biotin)



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Quantity:	100 μL	
Target:	Homeobox C5 (HOXC5)	
Binding Specificity:	AA 151-222	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Homeobox C5 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HOXC5	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse	
Predicted Reactivity:	Rat,Dog,Cow,Sheep	
Purification:	Purified by Protein A.	

Target Details

Target:	Homeobox C5 (HOXC5)
Alternative Name:	HOXC5 (HOXC5 Products)

Target Details

Background:

Synonyms: CP11, homeo box C5, homeobox C5, Homeobox protein CP11, homeobox protein Hox C5, Homeobox protein Hox-3D, Homeobox protein Hox-C5, Hox 3D, HOX3, HOX3D, HOXC5, HXC5_HUMAN, OTTHUMP00000217386.

Background: The Hox homeobox genes encode proteins that are transcriptional regulators with an established role in embryonic development. HoxC5 is a 222 amino acid protein that localizes to the nucleus and contains one homeobox DNA-binding domain. Existing as multiple alternatively spliced isoforms, HoxC5 functions as a sequence-specific DNA-binding transcription factor that is part of a regulatory mechanism that provides cells with positional identities during development. The gene encoding HoxC5 maps to a cluster of Hox proteins on chromosome 12 that are essential for morphogenesis. Encoding over 1,100 genes within 132 million bases, chromosome 12 makes up about 4.5 % of the human genome. A number of skeletal deformities are linked to chromosome 12, including hypochondrogenesis, achondrogenesis and Kniest dysplasia.

Application Details

Restrictions:	For Research Use only
	IHC-F 1:100-500
	IHC-P 1:200-400
Application Notes:	WB 1:300-5000

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.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months