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Datasheet for ABIN1392169

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

Overview

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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

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| 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

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

Target Details

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| Background: | <p>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.</p> <p>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.</p> |
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Application Details

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

Handling

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| 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 |