

Datasheet for ABIN2787841
anti-WNT3A antibody (N-Term)



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1 Image

1 Publication

Overview

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| Quantity: | 100 µL |
| Target: | WNT3A |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Pig, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Dog, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This WNT3A antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human WNT3A |
| Sequence: | MAPLGYFLLL CSLKQALGSY PIWWSLAVGP QYSSLGSQPI LCASIPGLVP |
| Predicted Reactivity: | Cow: 79%, Dog: 79%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 93%, Rabbit: 79%, Rat: 86%, Zebrafish: 79% |
| Characteristics: | This is a rabbit polyclonal antibody against WNT3A. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | WNT3A |
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Target Details

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| Alternative Name: | WNT3A (WNT3A Products) |
| Background: | <p>The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryog</p> <p>Alias Symbols: MGC119418, MGC119419, MGC119420</p> <p>Protein Interaction Partner: KCTD1, LRP6, FZD2, PORCN, WNT3A, DLG2, FZD1, DLG4, DLG1, RYK, GPC3, WNT1, WNT2, LRP1,</p> <p>Protein Size: 352</p> |
| Molecular Weight: | 39 kDa |
| Gene ID: | 89780 |
| NCBI Accession: | NM_033131 , NP_149122 |
| UniProt: | P56704 |
| Pathways: | WNT Signaling , Regulation of Muscle Cell Differentiation , Regulation of Cell Size , Positive Regulation of Endopeptidase Activity |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 352 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |

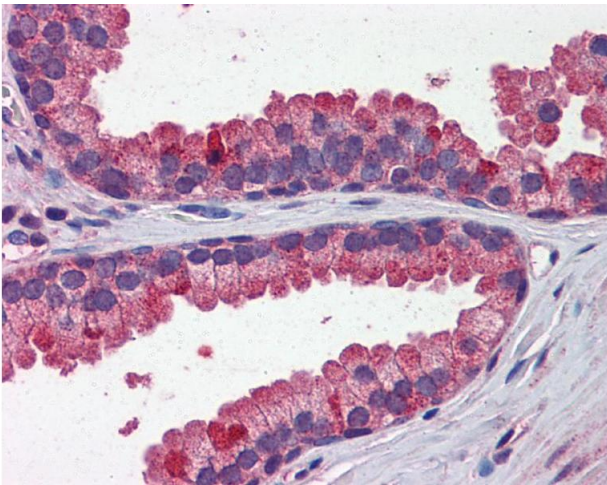
Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Chiquet, Blanton, Burt, Ma, Stal, Mulliken, Hecht: "Variation in WNT genes is associated with non-syndromic cleft lip with or without cleft palate." in: **Human molecular genetics**, Vol. 17, Issue 14, pp. 2212-8, (2008) ([PubMed](#)).

Images



Immunohistochemistry

Image 1.