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Datasheet for ABIN731425

anti-TDGF1 antibody (AA 31-150) (Biotin)

Overview

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| Quantity: | 100 µL |
| Target: | TDGF1 |
| Binding Specificity: | AA 31-150 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TDGF1 antibody is conjugated to Biotin |
| Application: | ELISA |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human Teratocarcinoma-derived growth factor 1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | TDGF1 |
| Alternative Name: | CRIPTO (TDGF1 Products) |

Target Details

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| Background: | <p>Synonyms: CRIPTO, CRIPT, CR, CRGF, Cripto 1, Cripto-1, Cripto 1 growth factor, Cripto-1 growth factor, Cripto1, Cripto1 growth factor, Epidermal growth factor like cripto protein CR1, Epidermal growth factor-like cripto protein CR1, TDGF 1, TDGF-1, TDGF1, Teratocarcinoma derived growth factor 1, Teratocarcinoma-derived growth factor 1, teratocarcinoma-derived growth factor 1 isoform 1 precursor, TDGF1_HUMAN.</p> <p>Background: This gene encodes an epidermal growth factor-related protein that contains a cripto, FRL-1, and cryptic domain. The encoded protein is an extracellular, membrane-bound signaling protein that plays an essential role in embryonic development and tumor growth. Mutations in this gene are associated with forebrain defects. Pseudogenes of this gene are found on chromosomes 2, 3, 6, 8, 19 and X. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010].</p> |
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| Gene ID: | 6997 |
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| Pathways: | EGFR Signaling Pathway |
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Application Details

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| Application Notes: | ELISA 1:500-1000 |
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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: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
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| Preservative: | Sodium azide |
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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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| Storage: | -20 °C |
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| Storage Comment: | Store at -20°C for 12 months. |
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| Expiry Date: | 12 months |
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