# TIGD1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | TIGD1, Polyclonal Antibody |
| **Full Product Name** | TIGD1, NT (TIGD1, Tigger transposable element-derived protein 1) (MaxLight 405) |
| **Product Gene Name** | anti-TIGD1 antibody |
| **Product Synonym Names** | TIGD1; Tigger transposable element-derived protein 1 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 67,299 Da |
| **Chromosome Location** | Chromosome: 2; NC_000002.11 (233412779..233415226, complement). Location: 2q37.1 |
| **OMIM** | 612972 |
| **3D Structure** | ModBase 3D Structure for Q96MW7 |
| **Immunogen** | TIGD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-149 amino acids from the N-terminal region of human TIGD1. |
| **Conjugate** | MaxLight405 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-TIGD1 antibody** | Antibodies; Proteins |
| **Applications Tested/Suitable for anti-TIGD1 antibody** | Western Blot (WB), FLISA |
| **Application Notes for anti-TIGD1 antibody** | WB: 1:100-500<br>FLISA: 1:1,000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-TIGD1 antibody** | The protein encoded by this gene belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. The exact function of this gene is not known. |
| **Product References and Citations for anti-TIGD1 antibody** | Hillier, L.W., et al. Nature 434(7034):724-731(2005). Robertson, H.M. Mol. Gen. Genet. 252(6):761-766(1996). Smit, A.F., et al. Proc. Natl. Acad. Sci. U.S.A. 93(4):1443-1448(1996). |

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| **Other Notes** | Small volumes of anti-TIGD1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |
| **Searchable Terms for TIGD1 purchase** | MBS6355574 is an antibody targeting TIGD1. Also known as TIGD1, NT (TIGD1, Tigger transposable element-derived protein 1) (MaxLight 405). Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TIGD1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 22209001 |
| **NCBI GeneID** | 200765 |
| **NCBI Accession #** | NP_663748.1 |
| **UniProt Primary Accession #** | Q96MW7 |
| **UniProt Secondary Accession #** | Q6P4D2; Q6PIF9 |
| **UniProt Related Accession #** | Q96MW7 |
| **GenBank Nucleotide #** | NM_145702.1 |
| **NCBI Official Full Name** | tigger transposable element-derived protein 1 |
| **NCBI Official Synonym Full Names** | tigger transposable element derived 1 |
| **NCBI Official Symbol** | TIGD1 |
| **NCBI Official Synonym Symbols** | EEYORE |
| **UniProt Protein Name** | Tigger transposable element-derived protein 1 |
| **Protein Family** | Tigger transposable element-derived protein |
| **UniProt Gene Name** | TIGD1 |
| **UniProt Entry Name** | TIGD1_HUMAN |
| **NCBI Protein Information** | tigger transposable element-derived protein 1 |
| **UniProt Comments for TIGD1** | TIGD1: belongs to the tigger subfamily of the pogo superfamily of DNA-mediated transposons in humans. These proteins are related to DNA transposons found in fungi and nematodes, and more distantly to the Tc1 and mariner transposases. They are also very similar to the major mammalian centromere protein B. The exact function of this gene is not known. [provided by RefSeq, Jul 2008]<br><br>Protein type: Unknown function<br><br>Chromosomal Location of Human Ortholog: 2q37.1<br><br>Cellular Component: nucleus<br><br>Molecular Function: DNA binding |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

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