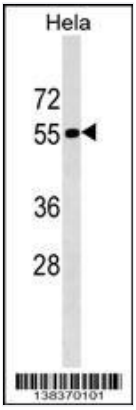
TIGD1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TIGD1, Polyclonal Antibody
Full Product Name	TIGD1, NT (TIGD1, Tigger transposable element-derived protein 1) (Azide free) (HRP)
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 Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and 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	HRP
Note	Preservative Free
Product Categories/Family for anti-TIGD1 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-TIGD1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-TIGD1 antibody	WB: 1:100-500 ELISA: 1:1,000 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).

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	MBS6355573 is an antibody targeting TIGD1. Also known as TIGD1, NT (TIGD1, Tigger transposable element-derived protein 1) (Azide free) (HRP). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TIGD1 antibody
TIGD1 Antibody (N-term) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the TIGD1 antibody detected the TIGD1 protein (arrow).

ADDITIONAL DETAILS

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

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] Protein type: Unknown function Chromosomal Location of Human Ortholog: 2q37.1 Cellular Component: nucleus 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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