

Rabbit anti-Human TIGD3 Polyclonal Antibody | anti-TIGD3 antibody

TIGD3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284569	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

TIGD3; Polyclonal Antibody; TIGD3 Antibody (C-term); Tigger transposable element-derived protein 3; anti-TIGD3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TIGD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 378-407 amino acids from the C-terminal region of human TIGD3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	378-407
Sequence Length	471
Applicable Applications for anti-TIGD3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

TIGD3 Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

TIGD3 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human Hodgkin lymphoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TIGD3 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

TIGD3 Antibody (C-term) western blot analysis in HepG2 and HL-60 cell line lysates (35ug/lane). This demonstrates the TIGD3 antibody detected the TIGD3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TIGD3 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 Categories/Family for anti-TIGD3 antibody	Cell Biology
References	Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) : Bonaldo, M.F., et al. Genome Res. 6(9):791-806(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23312394
NCBI GeneID	220359
NCBI Accession #	NP_663771.1
NCBI GenBank Nucleotide #	NM_145719.2
UniProt Accession #	Q6B0B8
Molecular Weight	52027
NCBI Official Full Name	tigger transposable element-derived protein 3
NCBI Official Synonym Full Names	tigger transposable element derived 3
NCBI Official Symbol	TIGD3
NCBI Protein Information	tigger transposable element-derived protein 3
UniProt Protein Name	Tigger transposable element-derived protein 3
UniProt Gene Name	TIGD3
UniProt Entry Name	TIGD3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tigd3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284569>