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# anti-TIGD4 antibody (N-Term)





Publication



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Quantity:	100 μL	
Target:	TIGD4	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TIGD4 antibody is un-conjugated	
Application:	Western Blotting (WB)	

#### **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TIGD4
Sequence:	RFDPKRKRLR TAFYTDLEEA LMRWYRIAQC LNVPVNGPML RLKANDFAQK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TIGD4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## **Target Details**

Target:	TIGD4
Alternative Name:	TIGD4 (TIGD4 Products)

#### **Target Details**

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Background:	The specific function of the protein remains unknown. 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.	
	Alias Symbols: MGC43837	
	Protein Interaction Partner: HOXD4,	
	Protein Size: 512	
Molecular Weight:	57 kDa	
Gene ID:	201798	
NCBI Accession:	NM_145720, NP_663772	
UniProt:	Q8IY51	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 512 AA	
Restrictions:	For Research Use only	

### Handling

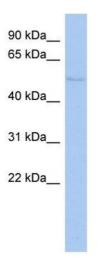
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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

Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) (PubMed).

#### **Images**



#### **Western Blotting**

Image 1. WB Suggested Anti-TIGD4 Antibody Titration:

0.2-1 ug/ml

**ELISA Titer:** 1:62500

Positive Control: HepG2 cell lysate