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Datasheet for ABIN731432
anti-TDGF1 antibody (AA 31-150) (HRP)

Overview

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

Product Details

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

Target:	TDGF1
Alternative Name:	CRIPTO (TDGF1 Products)

Target Details

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

Application Notes:	ELISA 1:500-1000
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Restrictions:	For Research Use only
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Handling

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:	Gentamicin sulfate
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Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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