

Datasheet for ABIN6991781
anti-TDGF1 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	TDGF1
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDGF1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Rabbit polyclonal TDGF1 antibody was raised against a 17 amino acid peptide near the amino terminus of human TDGF1. The immunogen is located within amino acids 40 - 90 of TDGF1.
Isotype:	IgG
Purification:	TDGF1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TDGF1
Alternative Name:	TDGF1 (TDGF1 Products)
Background:	TDGF1 Antibody: Teratocarcinoma-derived growth factor 1 (TDGF1 or Cripto) is a member of the epidermal growth factor-cripto FRL1 cryptic protein family and is involved in the activation of several different signaling pathways during embryonic development and cellular

Target Details

transformation. It is first expressed in the forming mesoderm during gastrulation but later in development the expression is restricted to the truncus arteriosus of the developing heart. This suggests that TDGF1 mediates the progression of epiblastic cells that give rise to the mesoderm. TDGF1 overexpression is characteristic of human gastric and colorectal carcinomas.

Molecular Weight: 21 kDa

Gene ID: 6997

NCBI Accession: [NP_003203](#)

UniProt: [P13385](#)

Pathways: [EGFR Signaling Pathway](#)

Application Details

Application Notes: TDGF1 antibody can be used for detection of TDGF1 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: TDGF1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: TDGF1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.