

Datasheet for ABIN388791

**anti-TDGF1 antibody (N-Term)****2** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	TDGF1
Binding Specificity:	AA 18-48, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TDGF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This CRIPTO (TDGF1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-48 amino acids from the N-terminal region of human CRIPTO (TDGF1).
Clone:	RB3957
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	TDGF1
Alternative Name:	CRIPTO (TDGF1) ( <a href="#">TDGF1 Products</a> )

## Target Details

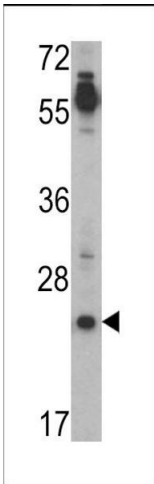
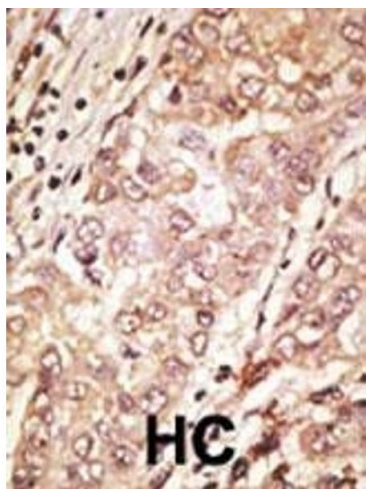
Background:	TDGF1 is expressed both in ES cells and during the early phases of embryo development, while in adults it is reactivated in a wide range of epithelial cancers. This protein could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm. It is preferentially expressed in gastric and colorectal carcinomas compared to their normal counterparts.
Molecular Weight:	21169
Gene ID:	6997
NCBI Accession:	<a href="#">NP_001167607</a> , <a href="#">NP_003203</a>
UniProt:	<a href="#">P13385</a>
Pathways:	<a href="#">EGFR Signaling Pathway</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

**Western Blotting**

**Image 2.** Western blot analysis of CRIPTO (TDGF1) Antibody (N-term) (ABIN388791 and ABIN2839123) in Jurkat cell line lysates (35 µg/lane). TDGF1 (arrow) was detected using the purified Pab.