

Datasheet for ABIN723360
anti-TDGF1 antibody (HRP)



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Overview

Quantity:	100 µL
Target:	TDGF1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TDGF1 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CRIPTO/ Teratocarcinoma-derived growth factor 1
Clone:	1F10
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein G.

Target Details

Target:	TDGF1
Alternative Name:	CRIPTO (TDGF1 Products)
Background:	Synonyms: CRIPTO, CRIPT, CR, CRGF, Cripto 1, Cripto-1, Cripto 1 growth factor, Cripto-1 growth

Target Details

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.

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].

Gene ID: 6997

Pathways: [EGFR Signaling Pathway](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months