# antibodies.com

Datasheet for ABIN2774677 anti-TPTE antibody (C-Term)

2 Images



## Overview

Quantity:	100 µL
Target:	TPTE
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPTE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human TPTE
Sequence:	KILIDVFDGP PLYDDVKVQF FYSNLPTYYD NCSFYFWLHT SFIENNRLYL
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against TPTE. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified
Target Details	
Target:	TPTE
Alternative Name:	TPTE (TPTE Products)

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# Target Details

Background:	TPTE encodes a putative transmembrane tyrosine phosphatase that may be involved in signal transduction pathways of the endocrine or spermatogenetic function of the testis. Alias Symbols: CT44, PTEN2
	Protein Interaction Partner: LGR4, TUBB3, UBC,
	Protein Size: 413
Molecular Weight:	45 kDa
Gene ID:	7179
NCBI Accession:	NM_199261, NP_954870
UniProt:	Q6XPS4
Pathways:	Inositol Metabolic Process

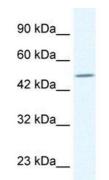
# Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 413 AA
Restrictions:	For Research Use only

## Handling

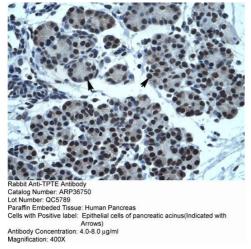
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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.

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## Western Blotting

Image 1. WB Suggested Anti-TPTE Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive Control: HepG2 cell lysate



#### Immunohistochemistry

Image 2. Human Pancreas