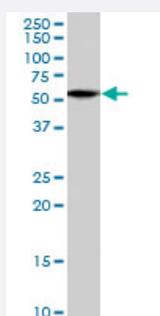


# TPTE polyclonal antibody

Catalog # PAB7091      Size 100 ug

## Applications



### Western Blot (Tissue lysate)

TPTE polyclonal antibody (Cat # PAB7091) (1 ug/mL) staining of human testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Specification

<b>Product Description</b>	Goat polyclonal antibody raised against synthetic peptide of TPTE.
<b>Immunogen</b>	A synthetic peptide corresponding to human TPTE.
<b>Sequence</b>	C-ERRTDKTHSEKFQ
<b>Host</b>	Goat
<b>Theoretical MW (kDa)</b>	64.3, 62.4, 60.2
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody is expected to recognize all reported isoforms (NP_954870.2, NP_954868.1 and NP_954869.1). It may cross-react with the almost identical TPTE2 (GeneID 93492; NP_570141.2, NP_954864.1, NP_954863.1).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.

<b>Recommend Usage</b>	ELISA (1:16000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Tissue lysate)

TPTE polyclonal antibody (Cat # PAB7091) (1 ug/mL) staining of human testis lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — TPTE

<b>Entrez GeneID</b>	<a href="#">7179</a>
<b>Protein Accession#</b>	<a href="#">NP_954870.2;NP_954868.1;NP_954869.1</a>
<b>Gene Name</b>	TPTE
<b>Gene Alias</b>	PTEN2
<b>Gene Description</b>	transmembrane phosphatase with tensin homology
<b>Omim ID</b>	<a href="#">604336</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	putative protein-tyrosine phosphatase
<b>Other Designations</b>	OTTHUMP00000082790 PTEN-related tyrosine phosphatase tensin, putative protein-tyrosine phosphatase

## Publication Reference

- [The TPTE gene family: cellular expression, subcellular localization and alternative splicing.](#)

Tapparel C, Reymond A, Girardet C, Guillou L, Lyle R, Lamon C, Hutter P, Antonarakis SE.

Gene 2003 Dec; 23(23):8890.

Application: IF, IHC-P, WB-Tr, Human, Monkey, COS-7 cells, Testis

## Disease

- [Kidney Failure](#)