

Datasheet for ABIN7599262  
**anti-PTER antibody (AA 1-315)**



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## Overview

Quantity:	100 µg
Target:	PTER
Binding Specificity:	AA 1-315
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTER antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Anti-PTER Antibody Picoband®
Immunogen:	E.coli-derived human PTER recombinant protein (Position: M1-H315).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PTER Antibody Picoband® catalog # A08763-1. Tested in ELISA, WB, applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

## Target Details

Target:	PTER
Alternative Name:	PTER ( <a href="#">PTER Products</a> )
Background:	<p>Synonyms: Epidermal growth factor-like protein 6, EGF-like protein 6, MAM and EGF domains-containing gene protein, EGFL6, MAEG, PP648, UNQ281/PRO320</p> <p>Tissue Specificity: Ubiquitous.</p> <p>Background: PTER is a mammalian homolog to bacterial phosphotriesterases, enzymes that hydrolyze phosphotriester-containing organophosphate pesticides. It is expressed primarily in the proximal renal tubules and the gene has been localized in humans to chromosomal band 10p12 by in situ hybridization. PTER, in addition to FTO, MC4R, and NPC1 has recently been shown to be a new risk loci for early-onset and morbid adult obesity in European populations. At least two isoforms of PTER are known to exist.</p>
Molecular Weight:	39 kDa
Gene ID:	9317

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Alimova-Kost, M. V., Imreh, S., Buchman, V. L., Ninkina, N. N. Assignment of phosphotriesterase-related gene (PTER) to human chromosome band 10p12 by in situ hybridization. Cytogenet. Cell Genet. 83: 16-17, 1998. 2. Davies, J. A., Buchman, V. L., Krylova, O., Ninkina, N. N. Molecular cloning and expression pattern of rpr-1, a resiniferatoxin-binding, phosphotriesterase-related protein, expressed in rat kidney tubules. FEBS Lett. 410: 378-382, 1997. 3. Hou, X., Maser, R. L., Magenheimer, B. S., Calvet, J. P. A mouse kidney- and liver-expressed cDNA having homology with a prokaryotic parathion hydrolase (phosphotriesterase)-encoding gene: abnormal expression in injured and polycystic kidneys. Gene 168: 157-163, 1996.</p>
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

## Handling

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Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.