Datasheet for ABIN500551

anti-PTER antibody (C-Term)

2 Images

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Overview

Quantity:	0.1 mg
Target:	PTER
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTER antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	PTER antibody was raised against a 16 amino acid peptide from near the carboxy terminus of human PTER.
Isotype:	IgG
Specificity:	This antibody detects PTER.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Peptide affinity chromatography

Target Details

Target:	PTER

Target Details

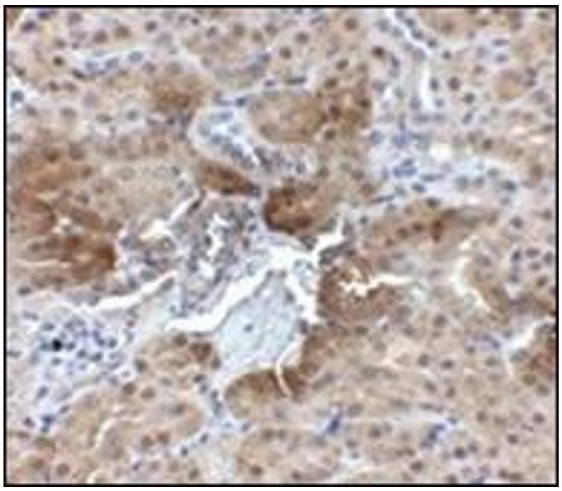
Alternative Name:	PTER (PTER Products)
Background:	PTER is a mammalian homolog to bacterial phosphotriesterases, enzymes that hydrolyze phosphotriester-containing organophosphate pesticides. It is expressed primarily in the proximal renal tubules and the gene has been localized in humans to chromosomal 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.Synonyms: HPHRP, Parathion hydrolase-related protein, Phosphotriesterase related protein, RPR-1
Gene ID:	9317
NCBI Accession:	NP_001001484
UniProt:	Q96BW5

Application Details

Application Notes:	ELISA. Western blot: 1 - 2 µg/mL. Immunhistochemistry on paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

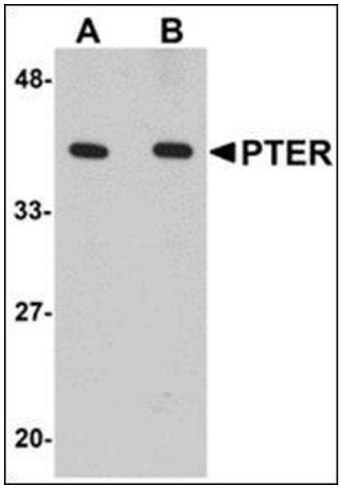
Handling

Buffer:	PBS containing 0.02 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of PTER in mouse kidney tissue with this product at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of PTER in human kidney tissue lysate with this product at (A) 1 and (B) 2 µg/ml.

