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Datasheet for ABIN6991121 **anti-PTER antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	PTER
Binding Specificity:	AA 250-300, C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTER antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	PTER antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human PTER. The immunogen is located within amino acids 250 - 300 of PTER.
Isotype:	IgG
Purification:	PTER Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PTER
Alternative Name:	PTER (PTER Products)
Background:	PTER Antibody: 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

Target Details

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.

Gene ID: 9317

UniProt: [Q96BW5](#)

Application Details

Application Notes: PTER antibody can be used for detection of PTER by Western blot at 1 - 2 $\mu\text{g}/\text{mL}$. Antibody can also be used for immunohistochemistry starting at 2.5 $\mu\text{g}/\text{mL}$.

Antibody validated: Western Blot in human samples and Immunohistochemistry in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PTER Antibody is supplied in 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.

Storage: -20 °C, 4 °C

Storage Comment: PTER antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.