

Anti-PTER Antibody

Catalog Number: A08763

About PTER

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.

Overview

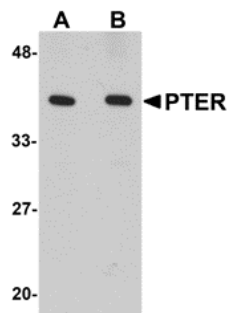
Product Name	Anti-PTER Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PTER Antibody (Catalog # A08763). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	PTER Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	PTER antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q96BW5

Technical Details

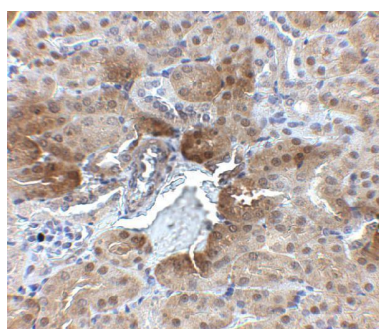
Immunogen	PTER antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human PTER. The immunogen is located within amino acids 250 - 300 of PTER.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PTER Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PTER antibody can be used for detection of PTER by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in mouse samples.

All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-PTER Antibody (A08763) Images



Western blot analysis of PTER in human kidney tissue lysate with PTER antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of PTER in mouse kidney tissue with PTER antibody at 2.5 ug/mL.

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Anti-PTER Antibody

For Research Use Only. Not for use in diagnostic procedures.