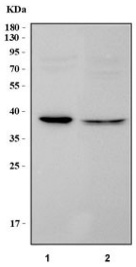
PTER Antibody / Phosphotriesterase-related protein (RQ8385)

Catalog No.	Formulation	Size
RQ8385	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q96BW5
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This PTER antibody is available for research use only.



Western blot testing of 1) rat kidney and 2) mouse kidney tissue lysate with PTER antibody. Predicted molecular weight ~39 kDa.

Description

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.

Application Notes

Optimal dilution of the PTER antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (M1-H315) was used as the immunogen for the PTER antibody.

Storage

After reconstitution, the PTER antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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