

Datasheet for ABIN953340

**anti-MBOAT4 antibody (Middle Region)****3** Images[Go to Product page](#)

## Overview

Quantity:	0.4 mL
Target:	MBOAT4
Binding Specificity:	AA 257-287, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBOAT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 257-287 amino acids from the Central region of human MBOAT4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human and Mouse MBOAT4 (Center).
Purification:	Affinity Purified

## Target Details

Target:	MBOAT4
Alternative Name:	MBOAT4 ( <a href="#">MBOAT4 Products</a> )

## Target Details

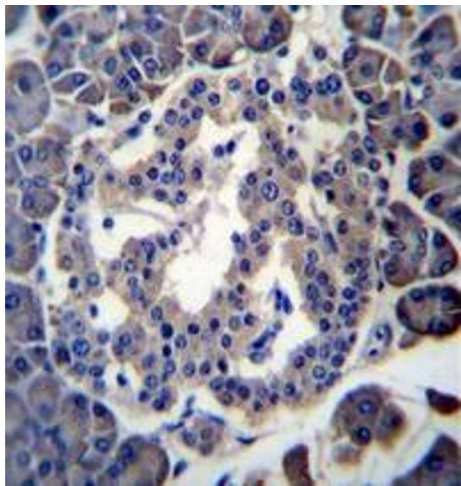
Background:	MBOAT4 mediates the octanoylation of ghrelin at 'Ser-3'. Can use a variety of fatty acids as substrates including octanoic acid, decanoic acid and tetradecanoic acid.Synonyms: GOAT, Ghrelin O-acyltransferase, OACT4
Molecular Weight:	49716 Da
Gene ID:	619373
NCBI Accession:	<a href="#">NP_001094386</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

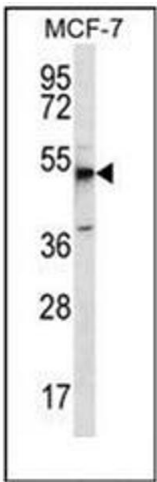
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, 0.09 % (W/V) 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 undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



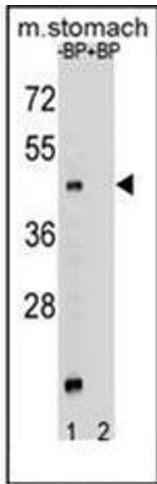
**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue reacted with MBOAT4 Antibody (Center) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



**Western Blotting**

**Image 2.** Western blot analysis of MBOAT4 Antibody (Center) in MCF-7 cell line lysates (35ug/lane). This demonstrates the MBOAT4 antibody detected the MBOAT4 protein (arrow).



**Western Blotting**

**Image 3.** Western blot analysis of MBOAT4 Antibody (Center) Cat.-No AP52625PU-N pre-incubated without (lane 1) and with (lane 2) blocking peptide in mouse stomach tissue lysate. MBOAT4 (arrow) was detected using the purified Pab (1:60/250 dilution).