

Datasheet for ABIN656250
anti-MBOAT4 antibody (AA 258-287)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	MBOAT4
Binding Specificity:	AA 258-287
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBOAT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MBOAT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 258-287 amino acids from the Central region of human MBOAT4.
Clone:	RB31180
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MBOAT4
Alternative Name:	MBOAT4 (MBOAT4 Products)
Background:	MBOAT4 mediates the octanoylation of ghrelin at 'Ser-3'. Can use a variety of fatty acids as

Target Details

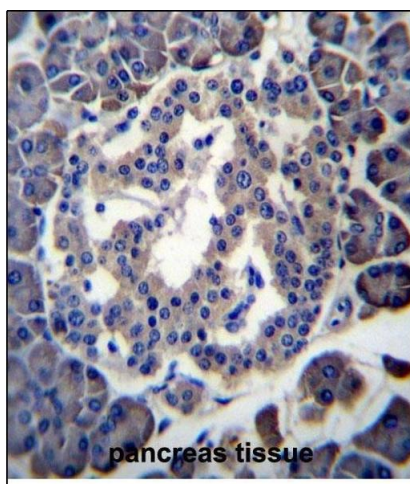
	substrates including octanoic acid, decanoic acid and tetradecanoic acid.
Molecular Weight:	49716
Gene ID:	619373
NCBI Accession:	NP_001094386
UniProt:	Q96T53
Pathways:	Peptide Hormone Metabolism

Application Details

Application Notes:	WB: 1:2000. WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

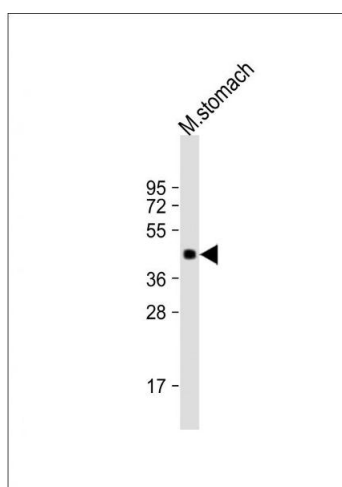
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 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.
Storage:	4 °C,-20 °C
Storage Comment:	MBOAT4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



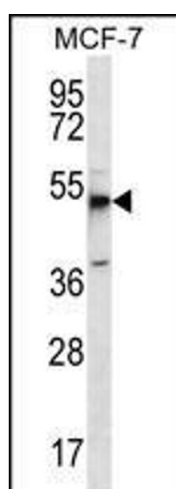
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. MBOAT4 Antibody (Center) (ABIN656250 and ABIN2845565) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MBOAT4 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-MBOAT4 Antibody (Center) at 1:2000 dilution + mouse stomach lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. MBOAT4 Antibody (Center) (ABIN656250 and ABIN2845565) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the MBOAT4 antibody detected the MBOAT4 protein (arrow).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN656250.