

Rabbit anti-Human, mouse MBOAT4 Polyclonal Antibody | anti-MBOAT4 antibody

MBOAT4 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283815	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

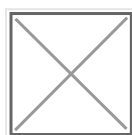
PRODUCT SYNONYMS

MBOAT4; Polyclonal Antibody; MBOAT4 Antibody (Center); Ghrelin O-acyltransferase; 231-; Membrane-bound O-acyltransferase domain-containing protein 4; O-acyltransferase domain-containing protein 4; GOAT; OACT4; anti-MBOAT4 antibody

PRODUCT SPECIFICATIONS

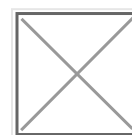
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MBOAT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 258-287 amino acids from the Central region of human MBOAT4.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.3 (varies by lot)
Sequence Positions	258-287
Sequence Length	329
Applicable Applications for anti-MBOAT4 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



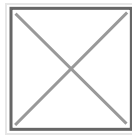
IHC (Immunohistochemistry)

MBOAT4 Antibody (Center) 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.



WB (Western Blot)

Western blot analysis of MBOAT4 Antibody (Center) Pab pre-incubated without (lane 1) and with (lane 2) blocking peptide in mouse stomach tissue lysate. MBOAT4 (arrow) was detected using the purified Pab.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-MBOAT4 antibody	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.
Product Categories/Family for anti-MBOAT4 antibody	Metabolism
References	Takahashi, T., et al. J. Biochem. 146(5):675-682(2009) Gomez, R., et al. Arthritis Rheum. 60(6):1704-1709(2009) Gutierrez, J.A., et al. Proc. Natl. Acad. Sci. U.S.A. 105(17):6320-6325(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	189571629
NCBI GeneID	619373
NCBI Accession #	NP_001094386.1
NCBI GenBank Nucleotide #	NM_001100916.1
UniProt Accession #	Q96T53; B1Q003
Molecular Weight	49716
NCBI Official Full Name	ghrelin O-acyltransferase
NCBI Official Synonym Full Names	membrane bound O-acyltransferase domain containing 4
NCBI Official Symbol	MBOAT4
NCBI Official Synonym Symbols	GOAT; OACT4; FKSG89
NCBI Protein Information	ghrelin O-acyltransferase
UniProt Protein Name	Ghrelin O-acyltransferase
UniProt Gene Name	MBOAT4
UniProt Synonym Gene Names	GOAT; OACT4; O-acyltransferase domain-containing protein 4
UniProt Entry Name	MBOA4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mboat4-antibody-immunohistochemistry-western-blot-elisa/283815>