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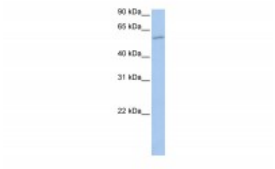
MBOAT1 Antibody

CATALOG NUMBER: 26-324



Antibody used in WB on Human Jurkat
0.2-1 ug/ml.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	MBOAT1 antibody can be used for detection of MBOAT1 by ELISA at 1:62500. MBOAT1 antibody can be used for detection of MBOAT1 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1205 - Jurkat Cell Lysate
PREDICTED MOLECULAR WEIGHT:	56 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MBOAT1.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4˚C. For longer periods of storage, store MBOAT1 antibody at -20˚C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MBOAT1, MGC44669, OACT1, dJ434O11.1, 1, LPLAT, LPSAT, LPEAT1, LPLAT 1
ACCESSION NO.:	NP_001073949
PROTEIN GI NO.:	122937404

OFFICIAL SYMBOL:	MBOAT1
GENE ID:	154141

Background

BACKGROUND:	MBOAT1 shares structural similarity with a superfamily of membrane-bound O-acetyltransferases that transfer organic compounds, usually fatty acids (e.g., cholesterol, diacylglycerol, palmitoyl), onto hydroxyl groups of membrane-embedded targets.MBOAT1 shares structural similarity with a superfamily of membrane-bound O-acetyltransferases that transfer organic compounds, usually fatty acids (e.g., cholesterol, diacylglycerol, palmitoyl), onto hydroxyl groups of membrane-embedded targets (Dauwerse et al., 2007 [PubMed 17440500]).
REFERENCES:	1) Tamaki, H., (2007) J. Biol. Chem. 282 (47), 34288-34298.

FOR RESEARCH USE ONLY

December 12, 2016