



MOGT3 Monoclonal Antibody

in the stomach and the esophagus and trachea. Expressed at very low level in liver.Functioncatalytic activity:Acyl-CoA + 1,2-diacylglycerol = CoA + triacylglycerol.,catalytic activity:Acyl-CoA + 2-acylglycerol = CoA + diacylglycerol.,function:Catalyzes the formation of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA. Also ab to catalyze the terminal step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. Has a preference toward palmitoyl-CoA and oleoyl-CoA. May be involved in absorption of dietary fat in the small intestine by		
Reactivity Human;Rat;Mouse; Applications WB Gene Name MOGAT3 DC7 DGAT2L7 UNQ9383/PRO34208 Protein Name 2-acylglycerol O-acyltransferase 3 (EC 2.3.1.20) (EC 2.3.1.22) (Acyl-CoA-monoacylglycerol acyltransferase 3) (MGAT3) (Diacylglycerol O-acyltransferase 3) (MGAT3) (Diacylglycerol D-acyltransferase 3) (MGAT3) (Diacylglycerol D-acyltransferase 3) (MGAT3) (Diacylglycerol O-acyltransferase 3) (MGAT3) (Diacylglycerol O-acyltransferase 3) (MGAT3) (Diacylglycerol D-acyltransferase 3) (MGAT3) (Diacylglycerol D-acylglycerol D-acylglycerol D-acylglycerol A (Diacylglycerol T) (Diacylglycerol D-acylglycerol D-acylglycerol D-acylglycerol D-acylglycerol D-acylglycerol D-acylglycerol D-acylglycerol D-acylglycerol A (Diacylglycerol A) (Diacylglycerol A) (Diacylglycerol D-acylglycerol A) (Diacylglycerol A) (Diacylglyce	Catalog No	BYmab-05222
Applications WB Gene Name MOGAT3 DC7 DGAT2L7 UNQ9383/PRO34208 Protein Name 2-acylglycerol O-acyltransferase 3 (EC 2.3.1.20) (EC 2.3.1.22) (Acyl-CoA-monoacylglycerol acyltransferase 3 (MGAT3) (Diacylglycerol O-acyltransferase candidate 7) (hDC7) (Diacylglycerol acyltransfera Immunogen Synthesized peptide derived from human protein . at AA range: 10-90 Specificity MOGT3 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Cell Pathway Cholpasmic reticulum membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region . Tissue Specificity Selectively expressed in the digestive system. Highly expressed in the ileum, at at lower level in jejunum, duodenum, colon, occum and the rectum. Not express in the stomach and the esophagus and trachea. Expressed at very low level is or catalytic activity:Acyl-CoA + 1,2-diacylglycerol = CoA + triacylglycerol, catalytic activity:Acyl-CoA + 2-acylglycerol = CoA + triacylglycerol, catalytic activity:Acyl-CoA + 2-acylglycerol = CoA + triacylglycerol, catalytic activity:Acyl-CoA + 2-acylglycerol = CoA + triacylglycerol, and fetty acyl-CoA. Also ab to catalytic actin	lsotype	IgG
Gene Name MOGAT3 DC7 DGAT2L7 UNQ9383/PRO34208 Protein Name 2-acylglycerol O-acyltransferase 3 (EC 2.3.1.20) (EC 2.3.1.22) (Acyl-CoA:monoacylglycerol acyltransferase 3) (MGAT3) (Diacylglycerol O-acyltransferase candidate 7) (hDC7) (Diacylglycerol acyltransfera Immunogen Synthesized peptide derived from human protein . at AA range: 10-90 Specificity MOGT3 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Cell Pathway Endoplasmic reticulum membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region . Tissue Specificity Selectively expressed in the digestive system. Highly expressed in the ileum, at at lower level in jejunum, duodenum, colon, cecum and the rectum. Not express in the stomach and the esophagus and trackela. Expressed at very low level in liver. Function catalytic activity:Acyl-CoA + 1,2-diacylglycerol = CoA + triacylglycerol, catalytic activity:Acyl-CoA + 2-acylglycerol = CoA + diacylglycerol, and fatty acyl-CoA. Also ab to c	Reactivity	Human;Rat;Mouse;
Protein Name 2-acylglycerol Q-acyltransferase 3 (EC 2.3.1.20) (EC 2.3.1.22) (Acyl-CoA:monoacylglycerol acyltransferase 3) (MGAT3) (Diacylglycerol O-acyltransferase candidate 7) (hDC7) (Diacylglycerol acyltransfera Immunogen Synthesized peptide derived from human protein . at AA range: 10-90 Specificity MOGT3 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse,IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Cell Pathway Endoplasmic reticulum membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region . Tissue Specificity Selectively expressed in the digestive system. Highly expressed in the iteum, at lower level in jejunum, duodenum, colon, cecum and the rectum. Not express in the stomach and the esophagus and trachea. Expressed at very low level in liver. Function catalytic activity:Acyl-CoA + 1,2-diacylglycerol = CoA + triacylglycerol, catalytic activity:Acyl-CoA + 2-acylglycerol = CoA + triacylglycerol, and fatty acyl-CoA, and oleoyl-CoA. and be involved in absorption of dietary fat in the small intestine by using diacylglycerol in absorption of dietary fat in	Applications	WB
ImmunogenSynthesized peptide derived from human protein . at AA range: 10-90SpecificityMOGT3 Monoclonal Antibody detects endogenous levels of protein.FormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourceMonoclonal, Mouse, IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsCollCell PathwayEndoplasmic reticulum membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region .Tissue SpecificitySelectively expressed in the digestive system. Highly expressed in the ileum, at at lower level in jejunum, duodenum, colon, cecum and the rectum. Not express in the stomach and the esophagus and trachea. Expressed at very low level in liver.Functioncatalytic activity:Acyl-CoA + 1.2-diacylglycerol = CoA + triacylglycerol, catalytic activity:Acyl-CoA + 2.acylglycerol = CoA + triacylglycerol, catalytic activity:Acyl-CoA + 3 aredylglycerol and fatty acyl-CoA . Also ab to catalyze the terminal step in triacylglycerol and fatty acyl-CoA and o deoyl-CoA. May be involved in absorption of diacylglycerol and fatty acyl-CoA and o deoyl coA as a perference toward palmitoy-CoA and o deoyl coA as a by be involved in absorption of diacylglycerol in diacylglycerol and fatty acyl-CoA and o deoyl be involved in absorption of diacylglycerol and fatty acyl-CoA and o deoyl be involved in absorption of diacylglycerol and fatty acyl-CoA and o deoyl be involved in absorption of diacylglycerol and fatty acyl-CoA and o deoyl be involved in absorption	Gene Name	MOGAT3 DC7 DGAT2L7 UNQ9383/PRO34208
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Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms -20°C/1 year Observed Band 37kD Cell Pathway Endoplasmic reticulum membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region . Tissue Specificity Selectively expressed in the digestive system. Highly expressed in the ileum, at at lower level in jejunum, duodenum, colon, cecum and the rectum. Not express in the stomach and the esophagus and trachea. Expressed at very low level in liver. Function catalytic activity:Acyl-CoA + 1,2-diacylglycerol = CoA + triacylglycerol.,catalytic activity:Acyl-CoA as substrates. Has a preference toward palmitoyl-CoA. Also ab to catalyze the terminal step in triacylglycerol synthesis by using diacylglycerol and fatty acyl-CoA. May be involved in absorption of dietary fat in the small intestine by	Purification	
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metabolism; triacylglycerol biosynthesis.,similarity:Belongs to the diacylglycerol	Function	catalytic activity:Acyl-CoA + 1,2-diacylglycerol = CoA + triacylglycerol.,catalytic activity:Acyl-CoA + 2-acylglycerol = CoA + diacylglycerol.,function:Catalyzes the formation of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA. Also able to catalyze the terminal step in triacylglycerol synthesis by using diacylglycerol and fatty acyl CoA as substrates. Has a preference toward palmitoyl-CoA and oleoyl-CoA. May be involved in absorption of dietary fat in the small intestine by catalyzing the resynthesis of triacylglycerol in enterocytes.,pathway:Glycerolipid metabolism; triacylglycerol biosynthesis.,similarity:Belongs to the diacylglycerol

Nanjing BYabscience technology Co.,Ltd

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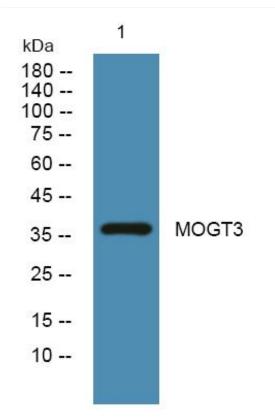


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	acyltransferase family.,tissue specificity:Selectively expressed in the digestive system. Highly expressed in the ileum, and at lower level in jejunum, duodenum, colon, cecum and the rectum. Not expressed in the stomach and the esophagus and tr
Background	Acyl-CoA:monoacylglycerol acyltransferase (MOGAT; EC 2.3.1.22) catalyzes the synthesis of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA (Cheng et al., 2003 [PubMed 12618427]).[supplied by OMIM, Mar 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using MOGT3 Monoclonal Antibody

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