

MOGT3 Rabbit pAb

CatalogNo: YN0348

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB,ELISA

MW

- 37kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 10-90

Specificity MOGT3 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name MOGAT3 DC7 DGAT2L7 UNQ9383/PRO34208

Protein Name 2-acylglycerol O-acyltransferase 3 (Acyl-CoA:monoacylglycerol acyltransferase 3) (MGAT3) (Diacylglycerol O-acyltransferase candidate 7) (hDC7) (Diacylglycerol acyltransferase 2-like protein 7) (Monoacylglycerol O-acyltransferase 3)

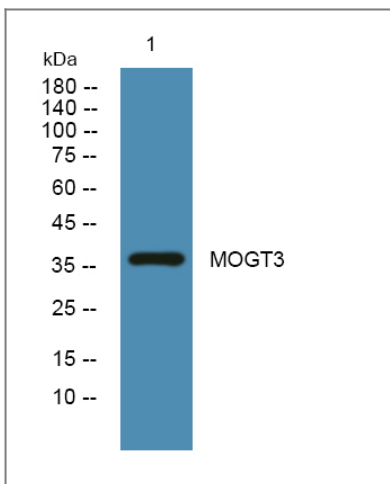
Organism	Gene ID	UniProt ID
Human	346606 ;	Q86VF5 ;

Cellular Localization Endoplasmic reticulum membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region .

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 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 + 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 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 trachea. Expressed at very low level in liver.,

Validation Data



Western blot analysis of lysates from Jurkat cells, primary antibody was diluted at 1:1000, 4° over night

Contact information

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MOGT3 Rabbit pAb

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