

## 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)

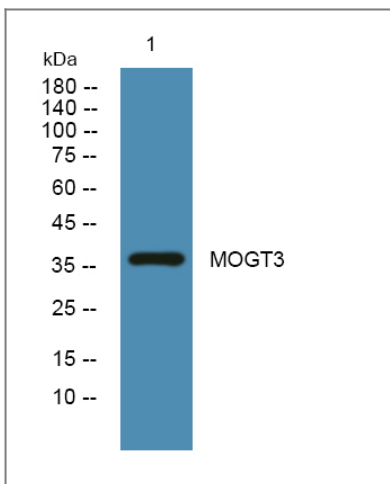
Organism	Gene ID	UniProt ID
Human	<a href="#">346606</a> ;	<a href="#">Q86VF5</a> ;

**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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