

# 脑肠肽 O 酰基转移酶 Ghrelin O acyltransferase 抗体

产品货号： mIR13355

英文名称： MBOAT4

中文名称： 脑肠肽 O 酰基转移酶/Ghrelin O acyltransferase 抗体

别名： FKSG89; ghrelin o transferas; Ghrelin O-acyltransferase; GOAT; MBOA4\_HUMAN; Mboat4; Membrane-bound O-acyltransferase domain-containing protein 4; O-acyltransferase (membrane bound) domain containing 4; O-acyltransferase domain-containing protein 4; OACT4.

研究领域： 细胞生物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Horse, Rabbit, Monkey, Gorilla

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500

（石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 50kDa

细胞定位： 细胞浆 细胞膜

性状： Lyophilized or Liquid

浓度： 1mg/ml

**免 疫 原：** KLH conjugated synthetic peptide derived from human Ghrelin O acyltransferase:101-200/435

**亚 型：** IgG

**纯化方法：** affinity purified by Protein A

**储 存 液：** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件：** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PubMed：** PubMed

**产品介绍：** MBOAT4 (membrane-bound O-acyltransferase domain-containing protein 4, Ghrelin O-acyltransferase) is a 435 amino acid, multi-pass membrane protein that belongs to the membrane-bound acyltransferase family. MBOAT4 functions as an enzyme that attaches an octanoate fatty acid to serine-3 of ghrelin. Ghrelin is a very small, appetite-stimulating hormone secreted by the food-deprived stomach. MBOAT4 can use a variety of fatty acids as substrates including octanoic acid, decanoic acid and tetradecanoic acid. MBOAT4 expression, consistent with its function, is mainly in the stomach and intestines. Due to its primary function, MBOAT4 is a candidate for obesity and appetite suppression studies.

**Function:**

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.

**Subcellular Location:**

Endoplasmic reticulum membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Expressed predominantly in stomach with moderate levels in pancreas and relatively low levels in most other tissues.

**Similarity:**

Belongs to the membrane-bound acyltransferase family.

**SWISS:**

Q96T53

**Gene ID:**

619373

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

