

## Goat anti-GOAT / MBOAT4 Antibody

Item Number	dAP-1932
Target Molecule	Principle Name: GOAT / MBOAT4; Official Symbol: MBOAT4; All Names and Symbols: MBOAT4; membrane bound O-acyltransferase domain containing 4; FKSG89; GOAT; OACT4; O-acyltransferase (membrane bound) domain containing 4; ghrelin O-acyltransferase; Accession Number (s): NP_001094386.1; Human Gene ID(s): 619373; Non-Human GeneID(s): 234155 (mouse) 306515 (rat)
Immunogen	HRISVFSRKWNQST, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 2000.
Western Blot	Western Blot: Preliminary experiments in Human Ileum lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibody?
IHC	
Reference	Reference(s): Gutierrez JA, Solenberg PJ, Perkins DR, Willency JA, Knierman MD, Jin Z, Witcher DR, Luo S, Onyia JE, Hale JE, Ghrelin octanoylation mediated by an orphan lipid transferase. Proceedings of the National Academy of Sciences of the United States of America 2008 Apr 105 (17): 6320-5. PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**