

Product datasheet for **AP52625PU-N**

Ghrelin O acyltransferase (MBOAT4) (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 257-287 amino acids from the Central region of Human MBOAT4
Specificity:	This antibody recognizes Human and Mouse MBOAT4 (Center).
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) Sodium Azide
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	membrane bound O-acyltransferase domain containing 4
Database Link:	Entrez Gene 619373 Human Q96T53
Background:	MBOAT4 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.



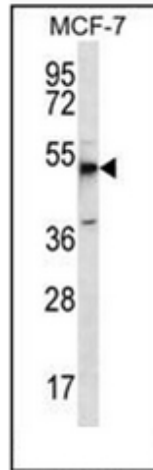
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Synonyms: GOAT, Membrane-bound O-acyltransferase domain-containing protein 4, O-acyltransferase domain-containing protein 4

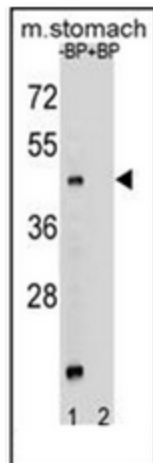
Note: **Molecular Weight:** 49716 Da

Protein Families: Transmembrane

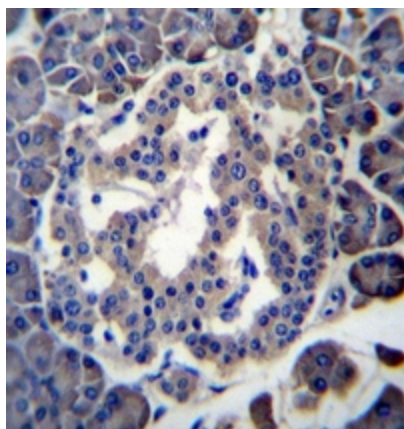
Product images:



Western blot analysis of MBOAT4 Antibody (Center) in MCF-7 cell line lysates (35ug/lane). This demonstrates the MBOAT4 antibody detected the MBOAT4 protein (arrow).



Western blot analysis of MBOAT4 Antibody (Center) pre-incubated without (lane 1) and with (lane 2) blocking peptide in mouse stomach tissue lysate. MBOAT4 (arrow) was detected using the purified Pab (1:60/250 dilution).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue reacted with MBOAT4 Antibody (Center), which was peroxidase conjugated to the secondary antibody and followed by DAB staining.