

Product datasheet for **TA335288**

DGAT2L4 (AWAT2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DGAT2L4 antibody: synthetic peptide directed towards the C terminal of human DGAT2L4. Synthetic peptide located within the following region: GEPLPMPKIENPSQEIVAKYHTLYIDALRKLFDQHKTKFGISETQELEII
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	38 kDa
Gene Name:	acyl-CoA wax alcohol acyltransferase 2
Database Link:	NP_001002254 Entrez Gene 158835 Human Q6E213
Background:	DGAT2L4 is acyltransferase that predominantly esterify long chain (wax) alcohols with acyl-CoA-derived fatty acids to produce wax esters. Wax esters are enriched in sebum, suggesting that it plays a central role in lipid metabolism in skin. It has no activity using decyl alcohol and significantly prefers the C16 and C18 alcohols. DGAT2L4 may also have 2-acylglycerol O-acyltransferase (MGAT) and acyl-CoA:retinol acyltransferase (ARAT) activities, to catalyze the synthesis of diacylglycerols and retinyl esters, however this activity is unclear in vivo.



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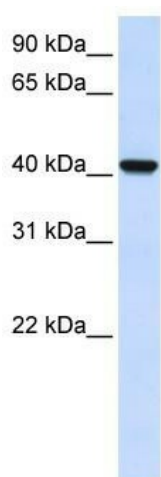
Synonyms: ARAT; DC4; DGAT2L4; MFAT; WS

Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Dog: 86%; Pig: 86%; Rabbit: 86%; Guinea pig: 86%; Horse: 79%

Protein Families: Transmembrane

Protein Pathways: Glycerolipid metabolism, Metabolic pathways, Retinol metabolism

Product images:



WB Suggested Anti-DGAT2L4 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 12500; Positive
Control: Human brain