

# DGAT2L3 Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP02577

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human AWAT1. AA range:261-310

Mol wt 37759

Species reactivity Human

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name DGAT2L3 Antibody

Synonyms AWAT1; DGA2; DGAT2L3; Acyl-CoA wax alcohol acyltransferase 1; Diacylglycerol O-acyltransferase 2-

like protein 3; Diacylglycerol acyltransferase 2; Long-chain-alcohol O-fatty-acyltransferase 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

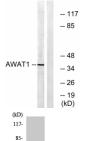
Acyl-CoA wax alcohol acyltransferase 1 encoded by AWAT1 belongs to the diacylglycerol acyltransferase family. It esterifies long chain (wax) alcohols with acyl-CoA-derived fatty acids to produce wax esters. Wax esters are enriched in sebum, suggesting that this enzyme plays a central role in lipid metabolism in skin. Consistent with this observation, this protein is predominantly expressed in the sebaceous gland of the skin.

## Recommended Dilution

WB: 1: 500 - 1: 2000 ELISA: 1: 5000

Not yet tested in other applications.

### Images



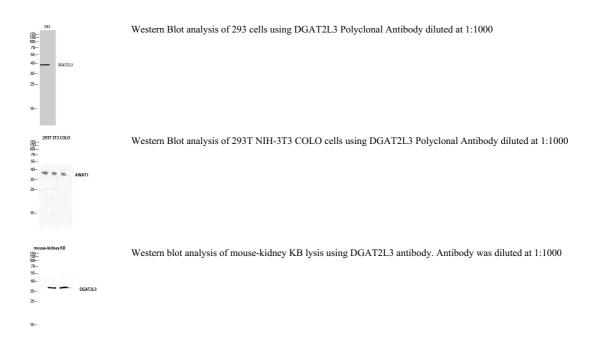
- AWAT1

48-

34-

Western blot analysis of lysates from 293 cells, using AWAT1 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from HT-29 cells using AWAT1 antibody.



## Storage

-20°C for one year

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