

**AWAT2 polyclonal antibody**

Catalog: BS32902

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Acyl-CoA wax alcohol acyltransferase 2: Acyltransferase that catalyzes the formation of ester bonds between fatty alcohols and fatty acyl-CoAs to form wax monoesters . Shows a preference for medium chain acyl-CoAs from C12 to C16 in length and fatty alcohols shorter than C20, as the acyl donors and acceptors, respectively . Also possesses acyl-CoA retinol acyltransferase (ARAT) activity that preferentially esterifies 11-cis-retinol, a chromophore precursor of bleached opsin pigments in cone cells . Shows higher catalytic efficiency toward 11-cis-retinol versus 9-cis-retinol, 13-cis-retinol, and all-trans-retinol substrates

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~38.1 kDa

Swiss-Prot:

Q6E213

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of AWAT2 protein

DATA:

Western blot analysis of KIF20A expression in A549 (A), mouse lung (B), mouse brain (C), rat spleen (D) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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