

For Research Use Only

OLAH Polyclonal antibody, PBS Only

Catalog Number: 17676-1-PBS



Basic Information

Catalog Number:

17676-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11694

GenBank Accession Number:

BC050372

GeneID (NCBI):

55301

UNIPROT ID:

Q9NV23

Full Name:

oleoyl-ACP hydrolase

Calculated MW:

265 aa, 30 kDa

Observed MW:

36 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

OLAH protein, also known as oleoyl-ACP hydrolase, is an enzyme involved in fatty acid production. It has been found to play a role in various biological processes and diseases. For instance, placental OLAH levels are altered in fetal growth restriction and preeclampsia, suggesting its potential involvement in placental dysfunction. Additionally, OLAH has been linked to severe respiratory diseases, where it mediates life-threatening inflammation associated with viral infections. Its expression is also associated with fatal outcomes in certain viral infections. These findings highlight the importance of OLAH in both reproductive health and infectious diseases (PMID: 36139751, PMID: 39137778, PMID: 39178832). OLAH has two isoforms with molecular masses of 30 kDa and 36 kDa.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

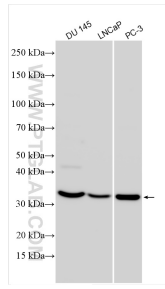
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17676-1-AP (OLAH antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17676-1-PBS in a different storage buffer formulation.