

AOC3 Monoclonal antibody, PBS Only

Catalog Number: 66834-1-PBS

Basic Information

Catalog Number:

66834-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5908

GenBank Accession Number:

BC050549

GeneID (NCBI):

8639

UNIPROT ID:

Q16853

Full Name:

amine oxidase, copper containing 3
(vascular adhesion protein 1)

Calculated MW:

85 kDa

Observed MW:

85-90 kDa

Purification Method:

Protein G purification

CloneNo.:

2A6G3

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

Human

Background Information

AOC3 (membrane primary amine oxidase) is also named as copper amine oxidase, HPAO, SSAO, VAP1 and belongs to the copper/topaquinone oxidase family. It is expressed on the surface of endothelial cells and is involved in leukocyte trafficking between blood and tissues under physiologic and pathologic conditions (PMID:17947691). AOC3 is highly expressed in adipocytes and smooth muscle cells and it can be N- and O-glycosylated (PMID:16046623). AOC3 has molecular mass of 70-90 kD, and can exist as a homodimer (165-185 kD) and trimer (240-260 kD) (PMID:10595925, 8625974).

Storage

Storage:

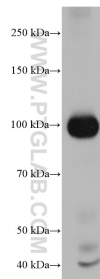
Store at -80°C.

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

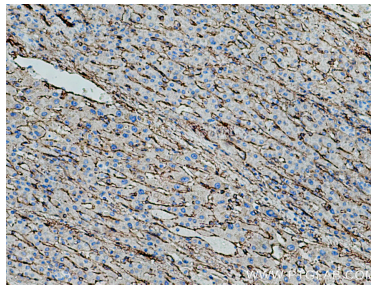
Storage Buffer:

PBS Only

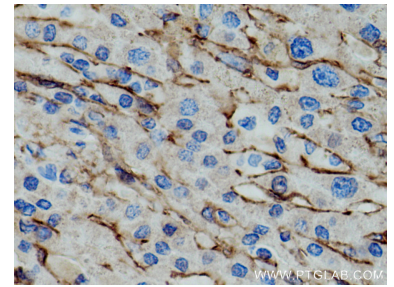
Selected Validation Data



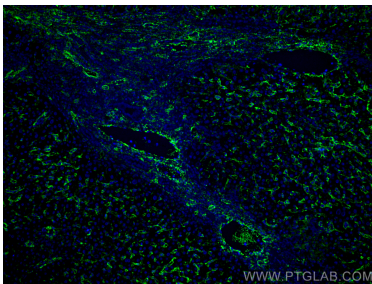
human ileum tissue were subjected to SDS PAGE followed by western blot with 66834-1-Ig (AOC3 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66834-1-PBS in a different storage buffer formulation.



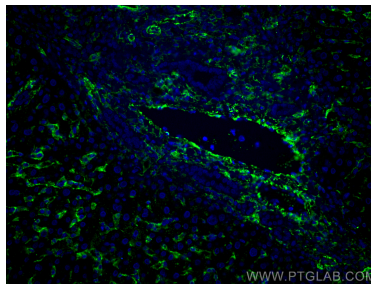
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66834-1-Ig (AOC3 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66834-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66834-1-Ig (AOC3 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66834-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using AOC3 antibody (66834-1-Ig, Clone: 2A6G3) at dilution of 1:400 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66834-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using AOC3 antibody (66834-1-Ig, Clone: 2A6G3) at dilution of 1:400 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66834-1-PBS in a different storage buffer formulation.