

For Research Use Only

FADS3 Polyclonal antibody, PBS Only

Catalog Number: 15205-1-PBS



Basic Information

Catalog Number:

15205-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7355

GenBank Accession Number:

BC004901

GeneID (NCBI):

3995

UNIPROT ID:

Q9Y5Q0

Full Name:

fatty acid desaturase 3

Calculated MW:

51 kDa

Observed MW:

41-51 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

FADS3, also named as CYB5RP, belongs to fatty acid desaturase (FADS) gene family. Desaturase enzymes regulate unsaturation of fatty acids through the introduction of double bonds between defined carbons of the fatty acyl chain. FADS family members are considered fusion products composed of an N-terminal cytochrome b5-like domain and a C-terminal multiple membrane-spanning desaturase portion, both of which are characterized by conserved histidine motifs. FADS3 can be detected as 40 kDa-51 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

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

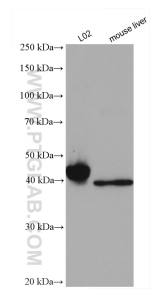
T: 4006900926

E: Proteintech-CN@ptglab.com

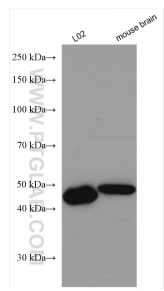
W: ptgcn.com

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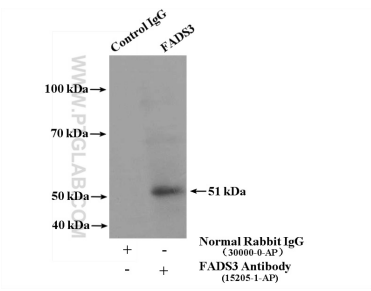
Selected Validation Data



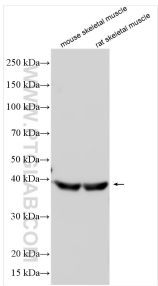
Various lysates were subjected to SDS PAGE followed by western blot with 15205-1-AP (FADS3 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15205-1-PBS in a different storage buffer formulation.



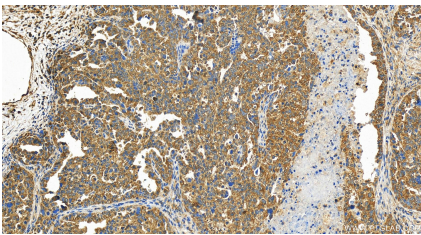
Various lysates were subjected to SDS PAGE followed by western blot with 15205-1-AP (FADS3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15205-1-PBS in a different storage buffer formulation.



IP result of anti-FADS3 (IP:15205-1-AP, 4ug; Detection:15205-1-AP 1:500) with L02 cells lysate 3000 ug. This data was developed using the same antibody clone with 15205-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 15205-1-AP (FADS3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15205-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 15205-1-AP (FADS3 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 15205-1-PBS in a different storage buffer formulation.