

For Research Use Only

# FADS3 Polyclonal antibody, PBS Only

Catalog Number: 15205-1-PBS



## Basic Information

### Catalog Number:

15205-1-PBS

### Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

### 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.

### Storage Buffer:

PBS Only

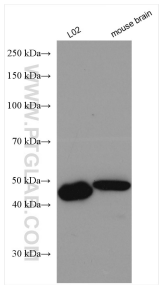
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

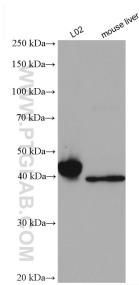
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

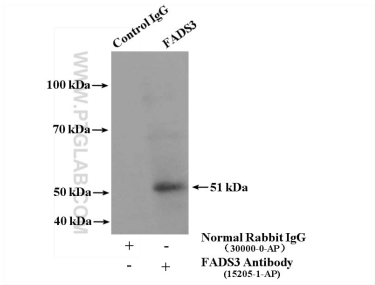
Selected Validation Data



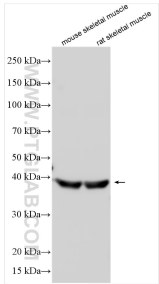
Various lysates were subjected to SDS PAGE followed by western blot with 15205-1-AP (FADS3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15205-1-PBS in a different storage buffer formulation.



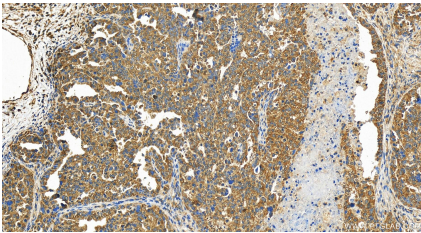
Various lysates were subjected to SDS PAGE followed by western blot with 15205-1-AP (FADS3 antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 15205-1-PBS in a different storage buffer formulation.



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.