

For Research Use Only

FADS3 Polyclonal antibody

Catalog Number: 15205-1-AP



Basic Information

Catalog Number: 15205-1-AP	GenBank Accession Number: BC004901	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop;	GeneID (NCBI): 3995	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: fatty acid desaturase 3	
Isotype: IgG	Calculated MW: 51 kDa	
Immunogen Catalog Number: AG7355	Observed MW: 41-51 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse brain tissue, mouse skeletal muscle tissue, mouse kidney tissue, L02 cells, rat skeletal muscle tissue, mouse liver tissue
	IP : L02 cells,

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 proton, both of which are characterized by conserved histidine motifs. FADS3 can be detected as 40 kDa-51 kDa.

Storage

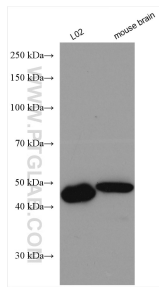
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

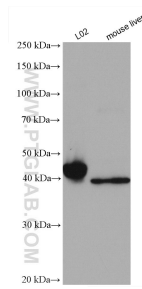
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

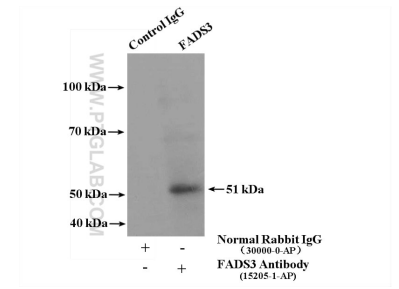
Selected Validation Data



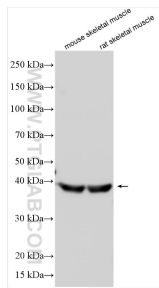
Various lysates were subjected to SDS PAGE followed by western blot with 15205-1-AP (FADS3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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.



IP result of anti-FADS3 (IP:15205-1-AP, 4ug; Detection:15205-1-AP 1:500) with L02 cells lysate 3000 ug.



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.