

For Research Use Only

FATS Polyclonal antibody

Catalog Number: 30190-1-AP



Basic Information

Catalog Number: 30190-1-AP	GenBank Accession Number: NM_001004298.2	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 118611	Recommended Dilutions: WB 1:1000-1:4000 IF 1:200-1:800
Source: Rabbit	Full Name: chromosome 10 open reading frame 90	
Isotype: IgG	Calculated MW: 78 kDa	
Immunogen Catalog Number: AG32956	Observed MW: 67-77 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB: A431 cells, mouse liver tissue, rat brain tissue IF: A431 cells,

Background Information

FATS, also known as centrosomal protein C10orf90, bA422P15.2, belongs to a novel class of enzymes that acts as an E2-E3 hybrid enzyme for assembly of polyubiquitin chains. FATS is an E2-independent ubiquitin ligase that stabilizes p53 and promotes its activation in response to DNA damage (PMID: 24240685). FATS acts as a p53/TP53 activator by inhibiting MDM2 binding to p53/TP53 and stimulating non-proteolytic polyubiquitination of p53/TP53.

Storage

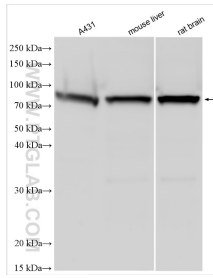
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

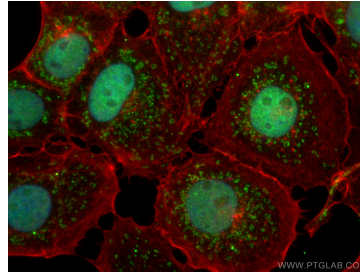
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30190-1-AP (FATS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using FATS antibody (30190-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).