

For Research Use Only

FATS Polyclonal antibody

Catalog Number: 30190-1-AP



Basic Information

Catalog Number:

30190-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32956

GenBank Accession Number:

NM_001004298.2

GeneID (NCBI):

118611

UNIPROT ID:

Q96M02

Full Name:

chromosome 10 open reading frame
90

Calculated MW:

78 kDa

Observed MW:

67-77 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:200-1:800

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human, mouse, rat

Positive Controls:

WB : A431 cells, mouse liver tissue, rat brain tissue

IF/ICC : 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

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

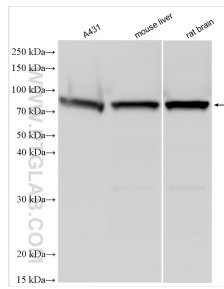
T: 4006900926

E: Proteintech-CN@ptglab.com

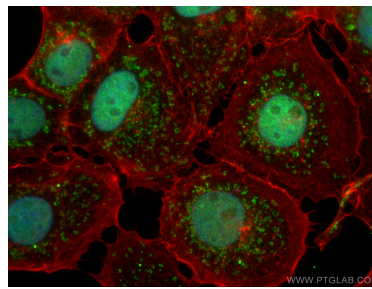
W: ptgcn.com

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 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).