

For Research Use Only

FAAP100 Polyclonal antibody

Catalog Number: 31841-1-AP



Basic Information

Catalog Number:

31841-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36385

GenBank Accession Number:

BC117139

GeneID (NCBI):

80233

UNIPROT ID:

Q0VG06

Full Name:

chromosome 17 open reading frame

70

Calculated MW:

93 kDa

Observed MW:

100 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : A431 cells, HL-60 cells, Jurkat cells, SH-SY5Y cells

Background Information

FA core complex associated protein 100 (FAAP100, also known as C17orf70) is a component of the Fanconi anemia (FA), which plays a role in the FA-associated DNA damage response network as well as regulates Fanconi anemia group D2 protein (FANCD2) monoubiquitination and the stability of the FA core complex (PMID: 17396147). FAAP100 deletion leads to FA pathway inactivation, increases TRCs and cotranscriptional R-loops, and contributes to the collapse of replication forks and the generation of DNA damage (PMID: 37580696).

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:

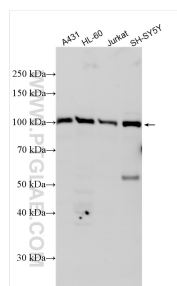
T: 4006900926

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 31841-1-AP (FAAP100 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.