

For Research Use Only

FAAP100 Polyclonal antibody

Catalog Number: 31841-1-AP



Basic Information

Catalog Number: 31841-1-AP	GenBank Accession Number: BC117139	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 80233	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q0VG06	
Isotype: IgG	Full Name: chromosome 17 open reading frame 70	
Immunogen Catalog Number: AG36385	Calculated MW: 93 kDa	
	Observed MW: 100 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, HL-60 cells, Jurkat cells, SH-SY5Y cells
Species Specificity: human	

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

*** 20ul sizes contain 0.1% BSA

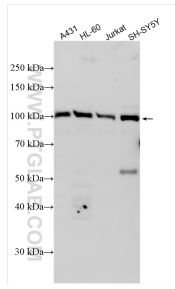
For technical support and original validation data for this product please contact:

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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.