

For Research Use Only

FANCE Polyclonal antibody

Catalog Number: 32520-1-AP



Basic Information

Catalog Number: 32520-1-AP	GenBank Accession Number: NM_021922.2	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 540 µg/ml by Nanodrop;	GeneID (NCBI): 2178	Recommended Dilutions: WB: 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q9HB96	
Isotype: IgG	Full Name: Fanconi anemia, complementation group E	
Immunogen Catalog Number: AG38546	Calculated MW: 59 kDa 536aa	
	Observed MW: 59 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, THP-1 cells
Species Specificity: human	

Background Information

Fanconi anemia group E protein (FANCE) is primarily localized in the nucleoplasm, with additional distribution in mitotic chromosomes and centrosomes. As a key component of the Fanconi anemia (FA) core complex, it plays an essential role in DNA interstrand cross-link repair, serving as a critical bridge between the FA complex and FANCD2 protein (PMID: 12239156; 12093742; 17308347). Cells with FANCE defects exhibit hypersensitivity to DNA cross-linking agents, chromosomal instability, and impaired DNA repair capacity (PMID: 21948210; 28239445; 37563658).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

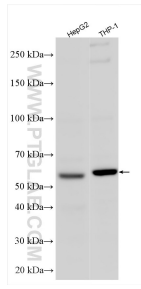
For technical support and original validation data for this product please contact:

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 32520-1-AP (FANCE antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.