

For Research Use Only

FANCA Recombinant antibody

Catalog Number: 84923-5-RR



Basic Information

Catalog Number:

84923-5-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2598

GenBank Accession Number:

BC008979

GeneID (NCBI):

2175

UNIPROT ID:

O15360

Full Name:

Fanconi anemia, complementation group A

Calculated MW:

163 kDa

Observed MW:

163 kDa

Purification Method:

Protein A purification

CloneNo.:

242600E10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, COLO 320 cells, A549 cells, HEK-293 cells, Jurkat cells

Background Information

FANCA, also named as FAA, FACA and FANCH, is DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. FANCA may be involved in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Defects in FANCA are a cause of Fanconi anemia (FA) which is a genetically heterogeneous, autosomal recessive disorder characterized by progressive pancytopenia, a diverse assortment of congenital malformations, and a predisposition to the development of malignancies. The antibody is specific to isoform1 of FANCA.

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:

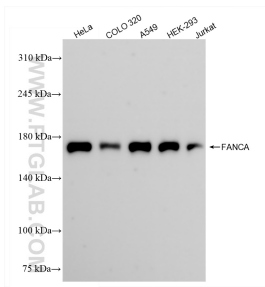
T: 4006900926

E: Proteintech-CN@ptglab.com

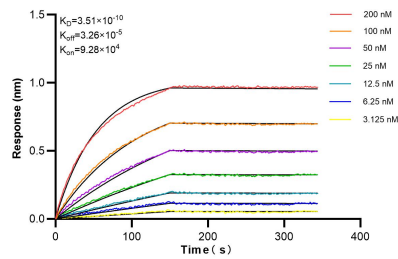
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84923-5-RR (FANCA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84923-5-RR against Human FANCA were performed. The affinity constant is 0.351 nM.