

Datasheet for ABIN1538566
anti-FANCA antibody (AA 667-694)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	FANCA
Binding Specificity:	AA 667-694
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FANCA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 667-694 amino acids from the Central region of human FANCA.
Clone:	RB23899
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FANCA
Alternative Name:	FANCA (FANCA Products)
Background:	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB,

Target Details

FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCIJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity, they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group A. Alternative splicing results in multiple transcript variants encoding different isoforms. Mutations in this gene are the most common cause of Fanconi anemia.

Molecular Weight: 162775

Gene ID: 2175

NCBI Accession: [NP_000126](#), [NP_001018122](#)

UniProt: [O15360](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

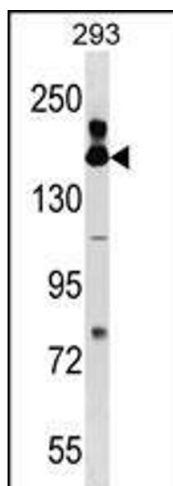
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: FANCA Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. FANCA Antibody (Center) (ABIN1538566 and ABIN2849508) western blot analysis in 293 cell line lysates (35 µg/lane). This demonstrates the FANCA antibody detected the FANCA protein (arrow).