

Datasheet for ABIN5531155  
**anti-FANCG antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	FANCG
Binding Specificity:	AA 540-568, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCG antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This FANCG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 540-568 amino acids from the C-terminal region of human FANCG.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	FANCG
Alternative Name:	FANCG ( <a href="#">FANCG Products</a> )
Background:	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCI (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group

## Target Details

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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 G.

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Molecular Weight: 69 kDa

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Gene ID: 2189

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UniProt: [O15287](#)

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Pathways: [DNA Damage Repair](#)

## Application Details

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Application Notes: For WB starting dilution is: 1:1000

For IHC-P starting dilution is: 1:10~50

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.5 mg/mL

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Buffer: Supplied in PBS with 0.09 % (W/V) sodium azide.

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Preservative: Sodium azide

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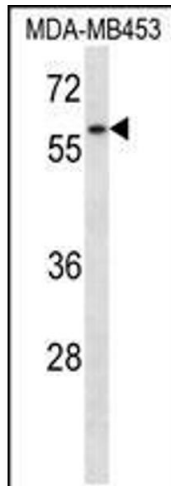
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C, -20 °C

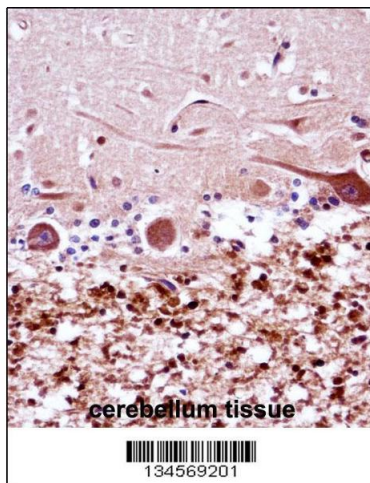
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Storage Comment: Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



### Western Blotting

**Image 1.** Western blot analysis in MDA-MB453 cell line lysates (35ug/lane).



### Immunohistochemistry

**Image 2.** FANCG Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.