

Product datasheet

Anti-FANCG antibody ab123671

1 Image

Overview

Product name	Anti-FANCG antibody
Description	Rabbit polyclonal to FANCG
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide conjugated to KLH, corresponding to C terminal amino acids 539-568 of Human FANCG (NP_004620.1).
Positive control	MDA-MB453 cell line lysates.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Purification notes	ab123671 is purified through a protein A column, followed by peptide affinity purification.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab123671** in the following tested applications.

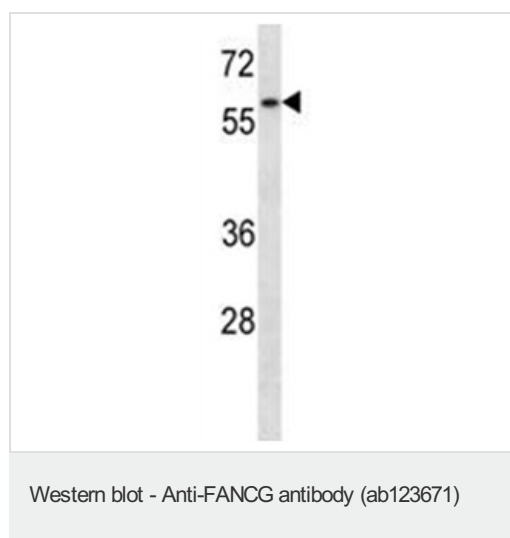
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 69 kDa.

Target

Function	DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. May be implicated in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Candidate tumor suppressor gene.
Tissue specificity	Highly expressed in testis and thymus. Found in lymphoblasts.
Involvement in disease	Defects in FANCG are a cause of Fanconi anemia (FA) [MIM:227650]. FA 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. At the cellular level it is associated with hypersensitivity to DNA-damaging agents, chromosomal instability (increased chromosome breakage), and defective DNA repair.
Sequence similarities	Contains 4 TPR repeats.
Cellular localization	Nucleus. Cytoplasm. The major form is nuclear. The minor form is cytoplasmic.

Images



Anti-FANCG antibody (ab123671) at 1/100 dilution + MDA-MB453 cell line lysates at 35 µg

Predicted band size: 69 kDa

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