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Product datasheet for AP51609PU-N

FANCG (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	**ELISA:** 1/1000. **Western Blot:** 1/100-1/500. **Immunohistochemistry on Paraffin Sections:** 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 539-568 amino acids from the C-terminal region of human FANCG
Specificity:	This antibody recognizes Human FANCG (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	Fanconi anemia complementation group G
Database Link:	Entrez Gene 2189 Human O15287

View online »

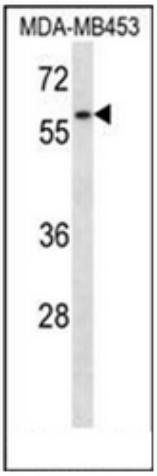
Background: The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia 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 G.

Synonyms: FACG, Fanconi anemia group G protein

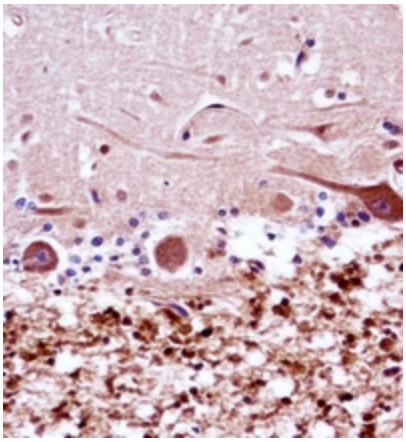
Note: **Molecular Weight:** 68554 Da

Protein Families: Druggable Genome

Product images:



Western blot analysis of XRCC9 / FANCG Antibody (C-term) in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the FANCG antibody detected the FANCG protein (arrow).



Formalin fixed and paraffin embedded human cerebellum tissue reacted with XRCC9 / FANCG Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.