OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AP22490PU-N

FANCG (609-622) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	**ELISA:** 1/32000. **Immunohistochemistry on Paraffin Sections:** 3 µg/ml. **Western Blot:** 0.5 - 1 µg/ml.
Reactivity:	Human, Monkey
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from C-term of human FANCG
Specificity:	This antibody detects XRCC9 / FANCG (C-term).
Formulation:	Tris saline buffer, pH 7.3, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to three months 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 »

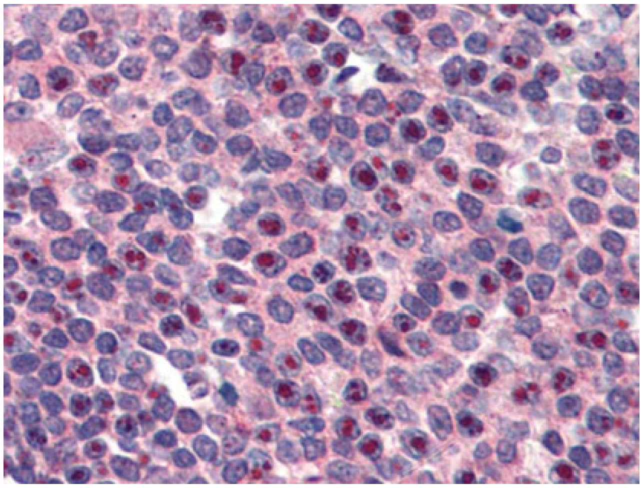
Background: FANCG, involved in Fanconi anemia, confers resistance to both hygromycin and mitomycin C. FANCG contains a 5-prime GC-rich untranslated region characteristic of housekeeping genes. The putative 622-amino acid protein has a leucine-zipper motif at its N-terminus. Fanconi anemia is an autosomal recessive disorder with diverse clinical symptoms, including developmental anomalies, bone marrow failure, and early occurrence of malignancies. A minimum of 8 FA genes have been identified. The FANCG gene is responsible for complementation group G.

Synonyms: FACG, Fanconi anemia group G protein

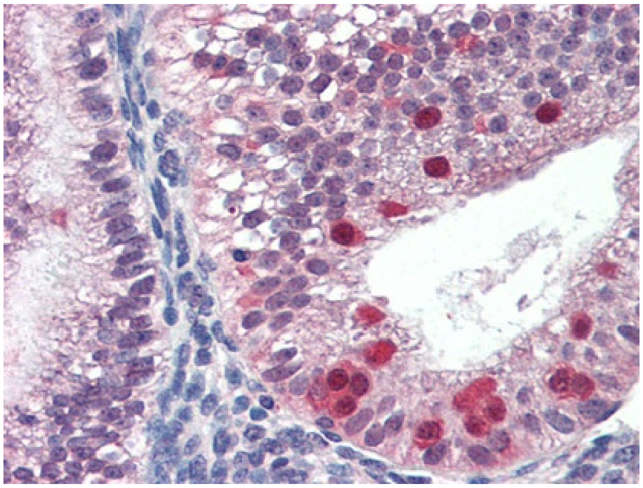
Protein Families: Druggable Genome

Product images:

Antibody (0.5 ug/ml) staining of HeLa cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Human Spleen (formalin-fixed, paraffin-embedded) stained with FANCG antibody at 3 ug/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Human Uterus (formalin-fixed, paraffin-embedded) stained with FANCG antibody at 3 ug/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.