

## Product datasheet for **TA349962S**

### FANCG Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Nucleus or Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human FANCG
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% GlycerolIn
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	Fanconi anemia complementation group G
Database Link:	<a href="#">NP_004620</a> <a href="#">Entrez Gene 2189 Human</a> <a href="#">O15287</a>

**Background:** The Fanconi anemia complementation group (FANCG) 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 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.

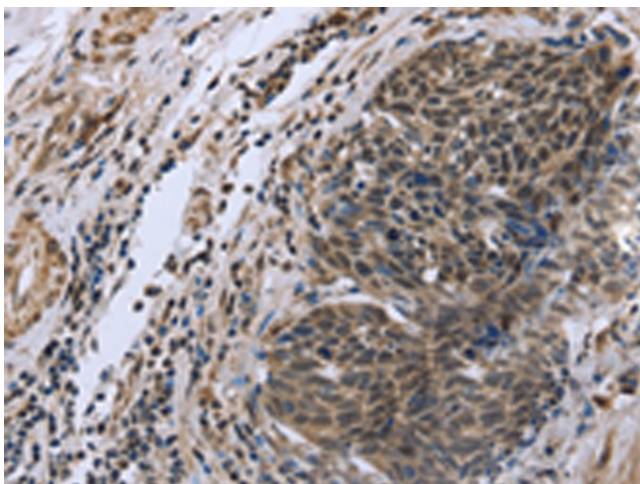


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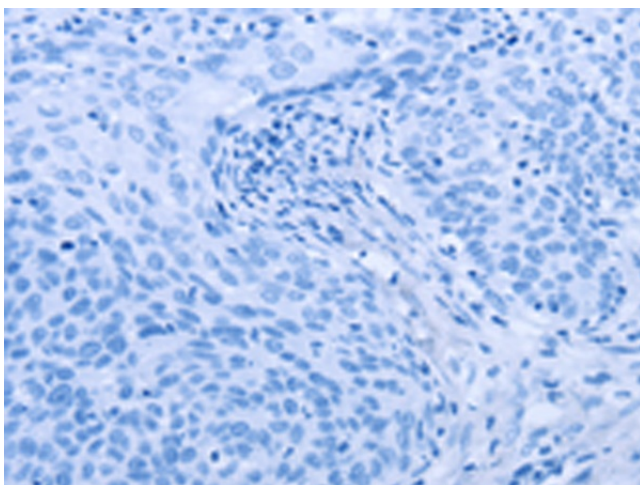
Synonyms: FAG; XRCC9

Protein Families: Druggable Genome

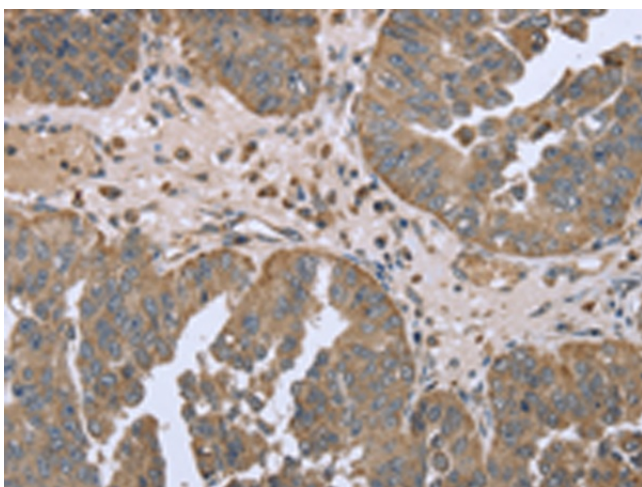
### Product images:



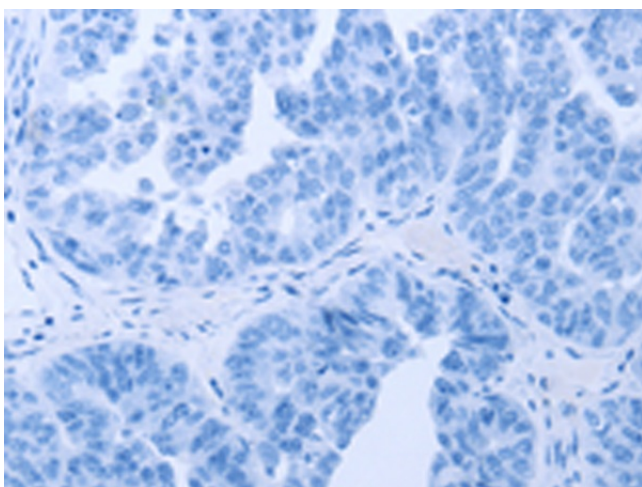
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA349962] (FANCG Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using [TA349962] (FANCG Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA349962] (FANCG Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA349962] (FANCG Antibody) at dilution 1/50, treated with fusion protein. (Original magnification: ×200)