

## Anti-FANCG Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow)
Molecular Weight:	Theoretical: 69 kDa. Actual: 69 kDa.
Purification:	Protein A purified

## Applications

Sample:	U-20S (Human) Cell Lysate at 30 µg A549 (Human) Cell Lysate at 30 µg
Verified Activity:	Primary: Anti-FANCG (TMAB-05898) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69 kD Observed band size: 69 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human FANCG
Antigen Species:	Human
Gene ID:	2189
Uniprot ID:	O15287

## Research 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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