

ARG64230 anti-FANCG / XRCC9 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FANCG / XRCC9
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FANCG / XRCC9
Species	Human
Immunogen	LEEFRTSLPKSCDL
Conjugation	Un-conjugated
Alternate Names	XRCC9; Fanconi anemia group G protein; Protein FACG; FAG; DNA repair protein XRCC9

Application Instructions

Application table	Application	Dilution
	IHC-P	3 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 2189 Human](#)

[Swiss-port # O15287 Human](#)

Background The Fanconi anemia complementation group (FANC) 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. [provided by RefSeq, Jul 2008]

Research Area Gene Regulation antibody

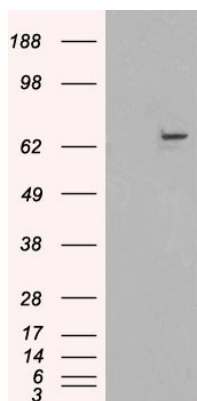
Calculated Mw 69 kDa

Images



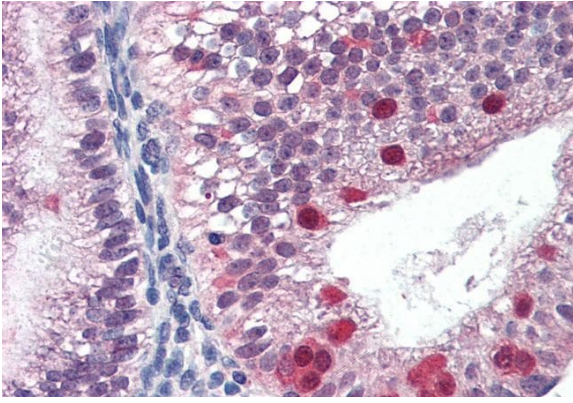
ARG64230 anti-FANCG / XRCC9 antibody WB image

Western Blot: HeLa cell lysate (35 µg protein in RIPA buffer) stained with ARG64230 anti-FANCG / XRCC9 antibody at 0.5 µg/ml dilution.



ARG64230 anti-FANCG / XRCC9 antibody WB image

Western Blot: 1). Mock transfection; 2) FANCG (RC202443) expressing plasmid transfected HEK293 cell lysate stained with ARG64230 anti-FANCG / XRCC9 antibody



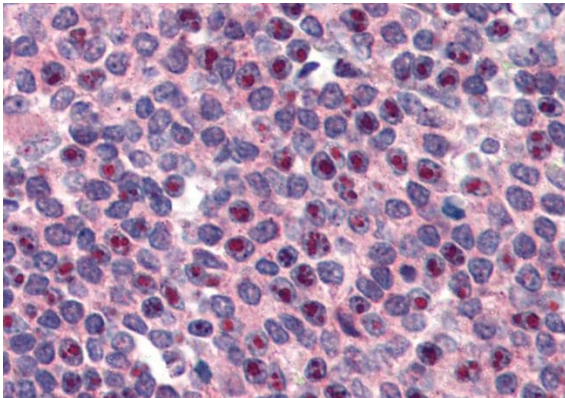
ARG64230 anti-FANCG / XRCC9 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human uterus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64230 anti-FANCG / XRCC9 antibody at 3 μ g/ml dilution followed by AP-staining.



ARG64230 anti-FANCG / XRCC9 antibody WB image

Western blot: 35 μ g of Jurkat nuclear lysate (in RIPA buffer) stained with ARG64230 anti-FANCG / XRCC9 antibody at 1 μ g/ml dilution and incubated at RT for 1 hour.



ARG64230 anti-FANCG / XRCC9 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human spleen tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64230 anti-FANCG / XRCC9 antibody at 3 μ g/ml dilution followed by AP-staining.