



## Goat anti-FANCG / XRCC9 Antibody

<b>Item Number</b>	dAP-1122
<b>Target Molecule</b>	Principle Name: FANCG / XRCC9; Official Symbol: FANCG; All Names and Symbols: FANCG; XRCC9; Fanconi anemia, complementation group G; FAG; DNA repair protein XRCC9; X-ray repair, complementing defective, in Chinese hamster, 9; X-ray repair complementing defective repair in Chinese hamster cells 9; Accession Number (s): NP_004620.1; Human Gene ID(s): 2189; Non-Human GeneID(s):
<b>Immunogen</b>	LEEFRTSLPKSCDL, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 70kDa band observed in lysates of cell line HeLa, and in nuclear lysates of cell line Jurkat (calculated MW of 68.6kDa according to NP_004620.1). In transfected HEK293 transiently expressing FANCG a band of approx. 65kDa is observed.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Uterus and Spleen. Recommended concentration: 3µg/ml.
<b>Reference</b>	Reference(s): Liu N, Lamerdin JE, Tucker JD, Zhou ZQ, Walter CA, Albala JS, Busch DB, Thompson LH. The human XRCC9 gene corrects chromosomal instability and mutagen sensitivities in CHO UV40 cells. Proc Natl Acad Sci U S A. 1997 Aug 19;94(17):9232-7..PMID: 9256465 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**