

Goat anti-FANCL Antibody

Item Number	dAP-2195
Target Molecule	Principle Name: FANCL; Official Symbol: FANCI; All Names and Symbols: FANCL; Fanconi anemia, complementation group L; FAAP43; FLJ10335; PHF9; POG; PHD finger protein 9; Accession Number (s): NP_001108108.1; NP_060532.2; Human Gene ID(s): 55120; Non-Human GenelD(s): 67030 (mouse) 305600 (rat)
Immunogen	QNLKDVLIEDFP, is from internal region This antibody is expected to recognize both isoforms (NP_001108108.1; NP_060532.2).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 45kDa band observed in Human Bone Marrow lysates (calculated MW of 43.4kDa according to NP_001108108.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): García MJ, Fernández V, Osorio A, Barroso A, Fernández F, Urioste M, Benítez J. Mutational analysis of FANCL, FANCM and the recently identified FANCI suggests that among the 13 known Fanconi Anemia genes, only FANCD1/BRCA2 plays a major role in high-risk breast cancer predisposition.

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**