

Rabbit anti-Human FANCD2 Polyclonal Antibody | anti-FANCD2 antibody

Rabbit anti-FANCD2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211791	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

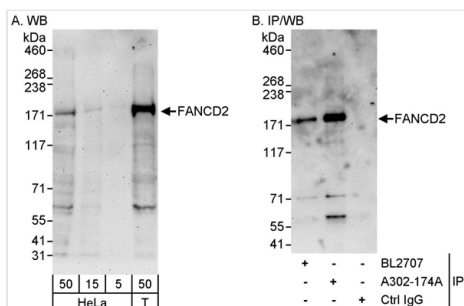
PRODUCT SYNONYMS

FANCD2; Polyclonal Antibody; Rabbit anti-FANCD2 Antibody; Affinity Purified; FACD; FAD; FAD2; FA-D2; FANCD; Fanconi anemia complementation group D2; Fanconi anemia group D2 protein; Protein FANCD2; FA4; FA complementation group D2; anti-FANCD2 antibody

PRODUCT SPECIFICATIONS

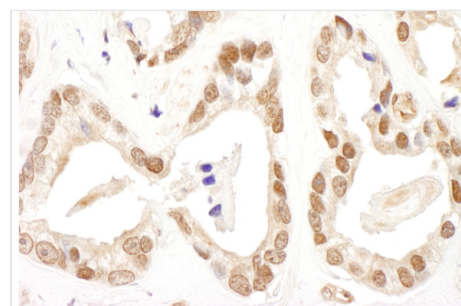
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-FANCD2 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Monkey, Gorilla
Immunogen	Between 1401 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human FANCD2 by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB) and HEK293T (T; 50 ug for WB; 1 mg for IP, 20% of IP loaded) cells. Antibodies: Affinity purified rabbit anti-FANCD2 antibody AAA211791 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 10 ug/mg lysate. FANCD2 was also immunoprecipitated by rabbit anti-FANCD2 antibody BL2707, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human FANCD2 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-FANCD2 (Cat. No. AAA211791) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-FANCD2 antibody	FANCD2 (Fanconi anemia, complementation group D) is a protein involved in DNA repair. Defects in FANCD2 are the cause of Fanconi anemia, a heterogenous autosomal recessive disorder characterized by congenital malformations and a predisposition to cancer. The FANCD2 gene is one of 13 complementation groups that include FANCA, FANCB, FANCC, FANCD1/BRCA2, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCIJ/BRIP1, FANCL, FANCM, and FANCN/PALB2. The FANC members are not homologous proteins but are related by their assembly into a common nuclear complex.
Product Categories/Family for anti-FANCD2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	66528888
NCBI GeneID	2177
NCBI Accession #	NP_001018125.1
NCBI GenBank Nucleotide #	NM_001018115.1
UniProt Accession #	Q9BXW9; Q2LA86; Q69YP9; Q6PJN7; Q9BQ06; Q9H9T9
Molecular Weight	166,462 Da
NCBI Official Full Name	Fanconi anemia group D2 protein isoform b
NCBI Official Synonym Full Names	Fanconi anemia, complementation group D2
NCBI Official Symbol	FANCD2
NCBI Official Synonym Symbols	FA4; FAD; FACD; FAD2; FA-D2; FANCD
NCBI Protein Information	Fanconi anemia group D2 protein
UniProt Protein Name	Fanconi anemia group D2 protein
UniProt Gene Name	FANCD2
UniProt Synonym Gene Names	FACD; Protein FACD2
UniProt Entry Name	FACD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fancd2-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211791>