

Rabbit FANCD2 Polyclonal Antibody | anti-FANCD2 antibody

FANCD2 Polyclonal Antibody

CATALOG # AAA179211	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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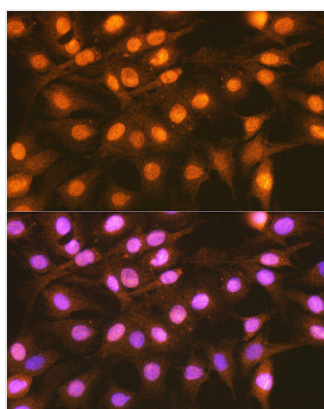
PRODUCT SYNONYMS

FANCD2; Polyclonal Antibody; FANCD2 Polyclonal Antibody; FA4; FAD; FACD; FAD2; FA-D2; FANCD; anti-FANCD2 antibody

PRODUCT SPECIFICATIONS

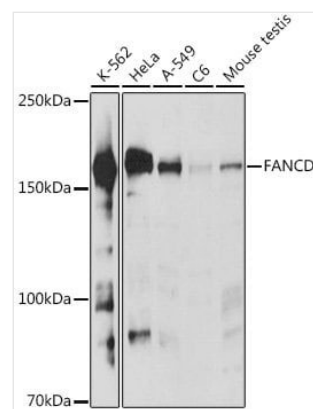
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-FANCD2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human FANCD2
Research Area	Cancer, Epigenetics and Nuclear Signaling
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using FANCD2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using FANCD2 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-FANCD2 antibody	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCIJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is 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 D2. This protein is monoubiquitinated in response to DNA damage, resulting in its localization to nuclear foci with other proteins (BRCA1 AND BRCA2) involved in homology-directed DNA repair. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-FANCD2 antibody	Antibodies; Primary Antibodies; Polyclonal Antibody

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-immunofluorescence-western-blot-elisa/179211>