

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

FANCD2 Antibody

CATALOG # AAA229492	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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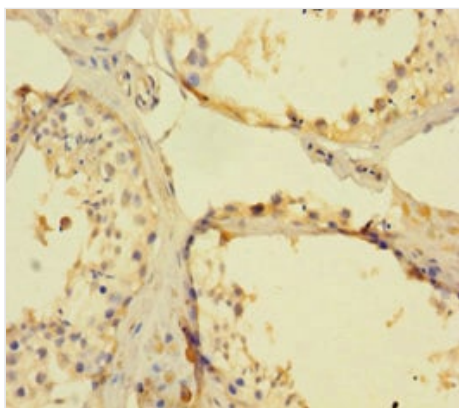
PRODUCT SYNONYMS

FANCD2; Polyclonal Antibody; FANCD2 Antibody; Fanconi anemia group D2 protein; Protein FACD2; FACD; anti-FANCD2 antibody

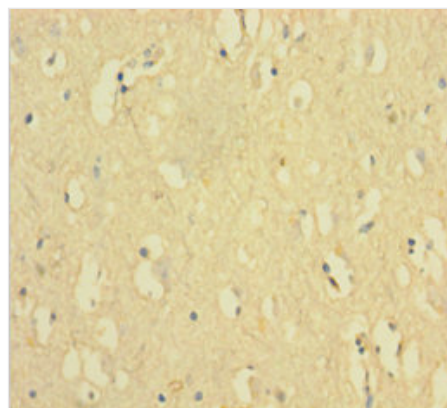
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	1451
Applicable Applications for anti-FANCD2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Fanconi anemia group D2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-23584 / sc-28194
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA229492 at dilution 1:100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA229492 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-FANCD2 antibody	Required for maintenance of chromosomal stability. Promotes accurate and efficient pairing of homologs during meiosis. Involved in the repair of DNA double-strand breaks, both by homologous recombination and single-strand annealing. May participate in S phase and G2 phase checkpoint activation upon DNA damage. Plays a role in preventing breakage and loss of missegregating chromatin at the end of cell division, particularly after replication stress. Required for the targeting, or stabilization, of BLM to non-centromeric abnormal structures induced by replicative stress. Promotes BRCA2/FANCD1 loading onto damaged chromatin. May also be involved in B-cell immunoglobulin isotype switching.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66528888
NCBI GeneID	2177
NCBI Accession #	NP_001018125.1
NCBI GenBank Nucleotide #	NM_001018115.2
UniProt Accession #	Q9BXW9; Q2LA86; Q69YP9; Q6PJN7; Q9BQ06; Q9H9T9
Molecular Weight	27,501 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.