

Rabbit FANCD2 Polyclonal Antibody | anti-FANCD2 antibody

FANCD2 (Phospho-Ser222) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316140	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

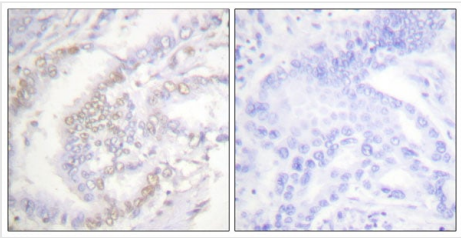
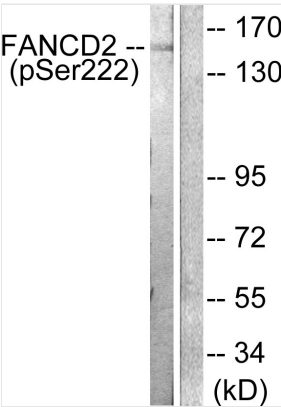
PRODUCT SYNONYMS

FANCD2; Polyclonal Antibody; FANCD2 (Phospho-Ser222) Antibody; FANCD2; Fanconi anemia complementation group D2 protein; anti-FANCD2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	FANCD2 (Phospho-Ser222) Antibody detects endogenous levels of FANCD2 only when phosphorylated at Ser222.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	241
Applicable Applications for anti-FANCD2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S222; M:S220; R:S222
Immunogen	The antiserum was produced against synthesized peptide derived from human FANCD2 around the phosphorylation site of Ser222.
Immunogen Range	188-237
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using FANCD2 (Phospho-Ser222) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from HT29 cells treated with Calyculin A 50ng/ml 30', using FANCD2 (Phospho-Ser222) Antibody. The lane on the right is blocked with the phospho peptide.

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	166 kDa
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

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.