

anti-Human FANCD2 Antibody | anti-FANCD2 antibody

FANCD2 (Phospho-Ser222) Antibody

CATALOG # AAA109051	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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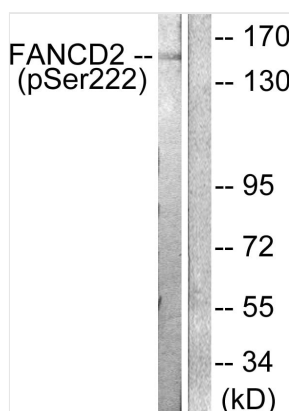
PRODUCT SYNONYMS

FANCD2; FANCD2 (Phospho-Ser222) Antibody; FACD2; Fanconi anemia complementation group D2 protein; anti-FANCD2 antibody

PRODUCT SPECIFICATIONS

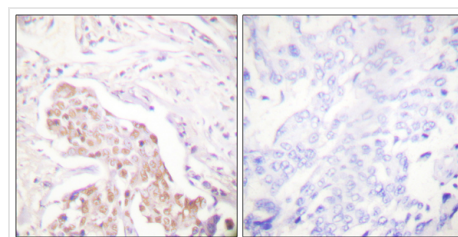
Reactivity	Human
Specificity	FANCD2 (Phospho-Ser222) antibody detects endogenous levels of FANCD2 only when phosphorylated at serine 222.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1451
Applicable Applications for anti-FANCD2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human FANCD2 around the phosphorylation site of serine 222 (G-D-SP-Q-H).
All Sites	Human: Ser222
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HT-29 cells, treated with Calyculin A (50ng/ml, 30mins), using FANCD2 (Phospho-Ser222) antibody (#A0427).



IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using FANCD2 (Phospho-Ser222) antibody (#A0427).

ADDITIONAL INFORMATION

Product Categories/Family for anti-FANCD2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Shobbir Hussain, Hum. Mol. Genet., Jun 2004; 13: 1241-1248. Rocio Montes de Oca, Blood, Feb 2005; 105: 1003-1009. XiaoZhe Wang, Mol. Cell. Biol., Jul 2004; 24: 5850-5862. Gary P. H. Ho, Mol. Cell. Biol., Sep 2006; 26: 7005-7015.

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	FA 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.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/fancd2/109051>