

## Rabbit FANCD2 Polyclonal Antibody | anti-FANCD2 antibody

Rabbit anti-FANCD2 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA221727</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

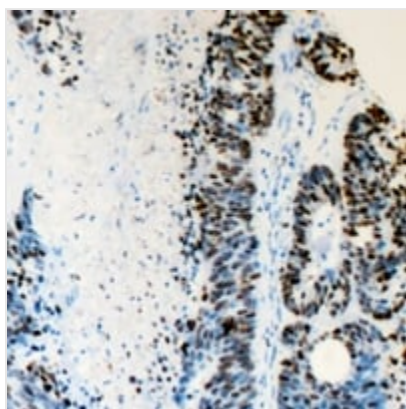
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

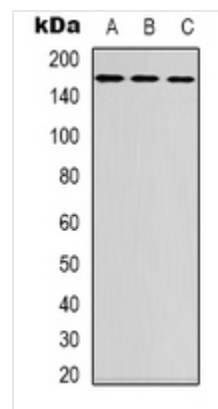
|                                                  |                                                                                                                                       |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                     |
| Clonality                                        | Polyclonal                                                                                                                            |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                                       |
| Form/Format                                      | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                             |
| Concentration                                    | 1mg/mL (varies by lot)                                                                                                                |
| Applicable Applications for anti-FANCD2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                         |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human FANCD2. The exact sequence is proprietary. |
| Preparation and Storage                          | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                             |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of FANCD2 staining in human colon cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of FANCD2 expression in HT29 (A), SP20 (B), mouse liver (C) whole cell lysates.

ADDITIONAL INFORMATION

|                                                    |                    |
|----------------------------------------------------|--------------------|
| 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; Q80V62; Q6IV68                    |
| 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                | <b>FANCD2</b>                             |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/fancd2-antibody-immunohistochemistry-western-blot-elisa/221727>