

Datasheet for ABIN6243659
anti-FANCD2 antibody (AA 893-927)[Go to Product page](#)

1 Image

Overview

Quantity:	80 µL
Target:	FANCD2
Binding Specificity:	AA 893-927
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCD2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This FANCD2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 893-927 amino acids from the Central region of human FANCD2.
Clone:	RB49367
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FANCD2
Alternative Name:	FANCD2 (FANCD2 Products)
Background:	Required for maintenance of chromosomal stability. Promotes accurate and efficient pairing of

Target Details

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.

Molecular Weight: 164128

UniProt: [Q9BXW9](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

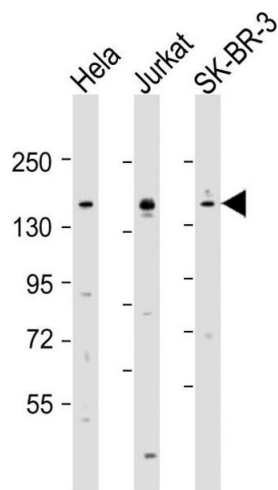
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-FANCD2 Antibody (Center) at 1:2000 dilution Lane 1: HeLa whole cell lysates Lane 2: Jurkat whole cell lysates Lane 3: SK-BR-3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 166 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.