10320 Camino Santa Fe, Suite G
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Anti-CCDC98 Rabbit Monoclonal Antibody
Catalog # ABO16224

Specification

Anti-CCDC98 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IF, ICC, IP, FC**
Primary Accession	Q6UWZ7
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Human**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-CCDC98 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.

Anti-CCDC98 Rabbit Monoclonal Antibody - Additional Information

Gene ID 84142

Other Names
BRCA1-A complex subunit Abraxas 1 {ECO:0000312|HGNC:HGNC:25829}, Coiled-coil domain-containing protein 98, Protein FAM175A, ABRAXAS1 (HGNC:25829)

Calculated MW
50 kDa KDa

Application Details
WB 1:500-1:2000
ICC/IF 1:50-1:200
IP 1:50
FC 1:50

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human CCDC98

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-CCDC98 Rabbit Monoclonal Antibody - Protein Information

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Name ABRAXAS1 (HGNC:25829)

Function
Involved in DNA damage response and double-strand break (DSB) repair. Component of the BRCA1-A complex, acting as a central scaffold protein that assembles the various components of the complex and mediates the recruitment of BRCA1. The BRCA1-A complex specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesion sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at DSBs. This complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX.

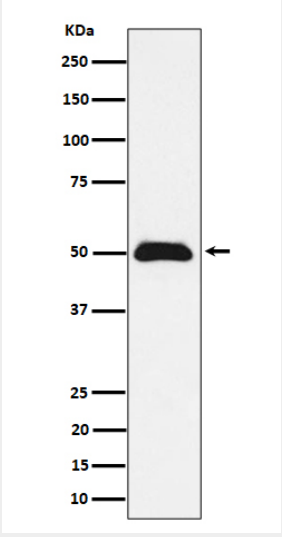
Cellular Location
Nucleus Note=Localizes at sites of DNA damage at double-strand breaks (DSBs)

Anti-CCDC98 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CCDC98 Rabbit Monoclonal Antibody - Images



Western blot analysis of CCDC98 expression in MCF7 cell lysate.