

KD-Validated Anti-CCDC98 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1495

Product Information

Application	WB, FC
Primary Accession	Q6UWZ7
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB4760
Calculated MW	46663
Gene Name	ABRAXAS1
Aliases	ABRAXAS1; Antibodyraxas 1, BRCA1 A Complex Subunit 2; ABRA1; FAM175A; CCDC98; Family With Sequence Similarity 175 Member A; BRCA1-A Complex Subunit Antibodyraxas 1; Coiled-Coil Domain Containing 98; Antibodyraxas Protein; FLJ13614; ABRAXAS; Family With Sequence Similarity 175, Member A; Coiled-Coil Domain-Containing Protein 98; Protein FAM175A
Immunogen	A synthesized peptide derived from human CCDC98

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)

Protein Information

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)

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