BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-CCDC98 ABRAXAS1 Antibody

Catalog Number: A32338

About FAM175A

CCDC98, also known as Abraxas 1, was identified through protein binding studies using the breast and ovarian predisposition protein BRCA1 as the binding target. CCDC98 recruits RAP80, a ubiquitin-binding protein, to BRCA1, allowing the formation of BRCA1 foci in response to DNA damage caused by ionizing radiation. Both CCDC98 and RAP80 are required for DNA damage resistance, G2-M checkpoint control, and DNA repair. Cells depleted of either CCDC98 or RAP80 exhibited increased sensitivity to ionizing radiation, although not as much as in BRCA1-depleted cells, suggesting that CCDC98 and RAP80 control only part of the DNA damage response role of BRCA1. At least two isoforms of CCDC98 are known to exist.

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Overview

Product Name	Anti-CCDC98 ABRAXAS1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-CCDC98 ABRAXAS1 Antibody (Catalog # A32338). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	CCDC98 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	CCDC98 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q6UWZ7

Technical Details

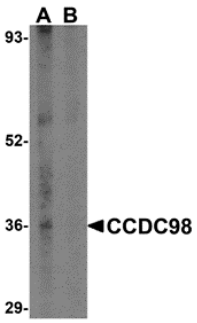
Immunogen	CCDC98 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human CCDC98. The immunogen is located within amino acids 80 - 130 of CCDC98.
Predicted Reactive Species	Bovine, Chicken, Rat

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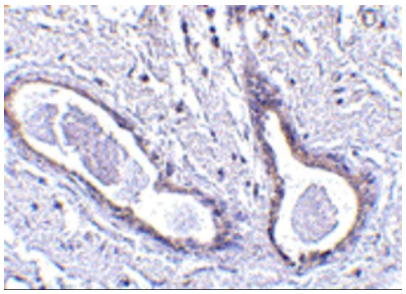
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	CCDC98 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CCDC98 antibody can be used for detection of CCDC98 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-CCDC98 ABRAXAS1 Antibody (A32338) Images



Western blot analysis of CCDC98 in human breast tissue lysate in (A) the absence and (B) presence of blocking peptide with CCDC98 antibody at 1 ug/mL.



Immunohistochemistry of CCDC98 in human breast tissue with CCDC98 antibody at 5 ug/mL.

Anti-CCDC98 ABRAXAS1 Antibody

For Research Use Only. Not for use in diagnostic procedures.