

ABRAXAS1 antibody

Product Information

Catalog No.:	FNab02974
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

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.

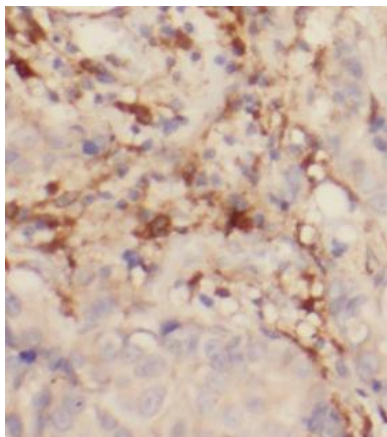
Immunogen information

Immunogen:	family with sequence similarity 175, member A
Synonyms:	BRCA1-A complex subunit Abraxas 1 Coiled-coil domain-containing protein 98 Protein FAM175A ABRAXAS1 ABRA1 CCDC98 FAM175A
Observed MW:	46 kDa
Uniprot ID :	Q6UWZ7

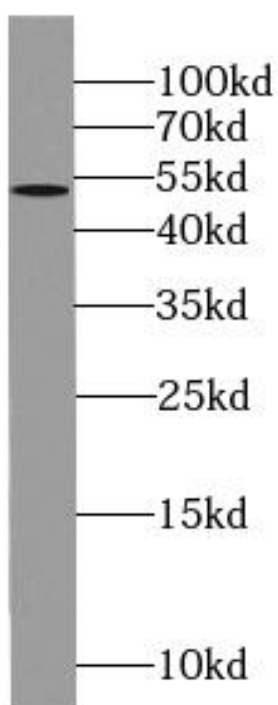
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500-1:2400; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab02974(FAM175A antibody) at dilution of 1:100



human testis tissue were subjected to SDS PAGE followed by western blot with FNab02974(FAM175A antibody) at dilution of 1:500