

FAM175A antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15213**Specification**

FAM175A antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q6UWZ7
Other Accession	NM_139076 , NP_620775
Reactivity	Human, Rabbit, Pig, Horse, Bovine, Dog
Predicted	Human, Rabbit, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47kDa KDa

FAM175A antibody - C-terminal region - Additional Information**Gene ID** 84142**Alias Symbol** **ABRA1, CCDC98, FLJ11520, FLJ12642, FLJ13614****Other Names**

BRCA1-A complex subunit Abraxas, Coiled-coil domain-containing protein 98, Protein FAM175A, FAM175A, ABRA1, CCDC98

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FAM175A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FAM175A antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

FAM175A antibody - C-terminal region - 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.

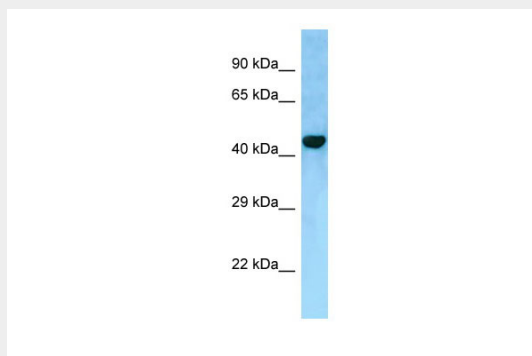
Cellular Location

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

FAM175A antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FAM175A antibody - C-terminal region - Images

Host: Rabbit

Target Name: FAM175A

Antibody Dilution: 1.0µg/ml

Sample Tissue: 293T cell lysate

FAM175A antibody - C-terminal region - References

Wang B.,et al.Science 316:1194-1198(2007).

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Liu Z.,et al.Nat. Struct. Mol. Biol. 14:716-720(2007).