

# FAM175A antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15213

## Product Information

---

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q6UWZ7</a>
<b>Other Accession</b>	<a href="#">NM_139076</a> , <a href="#">NP_620775</a>
<b>Reactivity</b>	Human, Rabbit, Pig, Dog, Horse, Bovine
<b>Predicted</b>	Human, Rabbit, Pig, Dog, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	46663

## Additional Information

---

<b>Gene ID</b>	84142
<b>Alias Symbol</b> <b>Other Names</b>	ABRA1, CCDC98, FLJ11520, FLJ12642, FLJ13614 BRCA1-A complex subunit Abraxas, Coiled-coil domain-containing protein 98, Protein FAM175A, FAM175A, ABRA1, CCDC98
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	FAM175A antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	ABRAXAS1 ( <a href="#">HGNC:25829</a> )
<b>Function</b>	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.
<b>Cellular Location</b>	Nucleus Note=Localizes at sites of DNA damage at double-strand breaks

(DSBs)

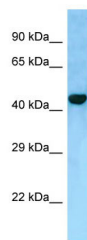
## References

---

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).

## Images

---



Host: Rabbit  
Target Name: FAM175A  
Antibody Dilution: 1.0µg/ml  
Sample Tissue: 293T cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.