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FAM175A antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15213

Product Information

Application	WB
Primary Accession	Q6UWZ7
Other Accession	NM_139076, NP_620775
Reactivity	Human, Rabbit, Pig, Dog, Horse, Bovine
Predicted	Human, Rabbit, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46663

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.

Protein Information

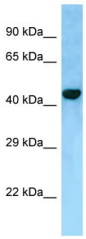
Name	ABRAXAS1 (HGNC:25829)
Function	Involved in DNA damage response and double-strand break (DSB) repair. Component of the BRCA1-A complex, acting as a central scaffold protein that assembles the various components of the complex and mediates the recruitment of BRCA1. The BRCA1-A complex specifically 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)

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'.