



Human FAM175A peptide (DAG-P0321)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Component of the BRCA1-A complex, a complex that specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). The BRCA1-A complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX. In the BRCA1-A complex, it acts as a central scaffold protein that assembles the various components of the BRCA1-A complex and mediates the recruitment of BRCA1.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the FAM175 family. Abraxas subfamily.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	FAM175A family with sequence similarity 175, member A [Homo sapiens (human)]
Official Symbol	FAM175A
Synonyms	FAM175A; family with sequence similarity 175, member A; ABRA1; CCDC98; BRCA1-A complex subunit Abraxas; abraxas protein; coiled-coil domain containing 98; coiled-coil domain-containing protein 98;

Entrez Gene ID	84142
mRNA Refseq	NM_139076.2
Protein Refseq	NP_620775.2
UniProt ID	Q6UWZ7
Chromosome Location	4q21.23
Function	polyubiquitin binding; protein binding;