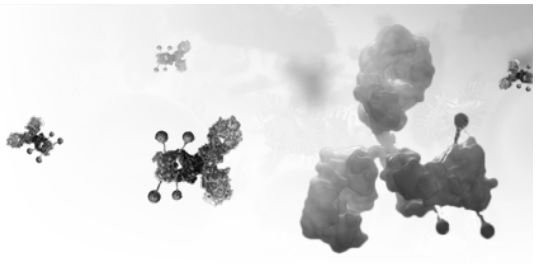

Human RBBP7 peptide (DAG-P1908)

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

PRODUCT INFORMATION

Antigen Description	This protein is a ubiquitously expressed nuclear protein and belongs to a highly conserved subfamily of WD-repeat proteins. It is found among several proteins that binds directly to retinoblastoma protein, which regulates cell proliferation. The encoded protein is found in many histone deacetylase complexes, including mSin3 co-repressor complex. It is also present in protein complexes involved in chromatin assembly. This protein can interact with BRCA1 tumor-suppressor gene and may have a role in the regulation of cell proliferation and differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2010]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the WD repeat RBAP46/RBAP48/MSI1 family.Contains 7 WD repeats.
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	RBBP7 retinoblastoma binding protein 7 [Homo sapiens (human)]
Official Symbol	RBBP7
Synonyms	RBBP7; retinoblastoma binding protein 7; RbAp46; histone-binding protein RBBP7; RBBP-7; retinoblastoma-binding protein 7; retinoblastoma-binding protein p46; retinoblastoma-binding protein RbAp46; histone acetyltransferase type B subunit 2; nucleosome-remodeling factor

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	subunit RBAP46; G1/S transition control protein-binding protein RbAp46;
Entrez Gene ID	5931
mRNA Refseq	NM_001198719.1
Protein Refseq	NP_001185648.1
UniProt ID	Q16576
Chromosome Location	Xp22.2
Pathway	Cell Cycle, organism-specific biosystem; Cellular Senescence, organism-specific biosystem; Cellular responses to stress, organism-specific biosystem; Chromatin modifying enzymes, organism-specific biosystem; Chromatin organization, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Gene Expression, organism-specific bi
Function	protein binding;

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