



Human TP53BP1 peptide (DAG-P2050)

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

PRODUCT INFORMATION

Antigen Description	May have a role in checkpoint signaling during mitosis. Enhances TP53-mediated transcriptional activation. Plays a role in the response to DNA damage.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 2 BRCT domains.
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	TP53BP1 tumor protein p53 binding protein 1 [Homo sapiens (human)]
Official Symbol	TP53BP1
Synonyms	TP53BP1; tumor protein p53 binding protein 1; p202; 53BP1; tumor suppressor p53-binding protein 1; p53BP1; p53-binding protein 1; tumor protein 53-binding protein, 1; tumor protein p53-binding protein, 1;
Entrez Gene ID	7158
mRNA Refseq	NM_001141979.1
Protein Refseq	NP_001135451.1

UniProt ID	F8VY86
Chromosome Location	15q15-q21
Pathway	DNA Repair, organism-specific biosystem; Double-Strand Break Repair, organism-specific biosystem; Homologous Recombination Repair, organism-specific biosystem; Homologous recombination repair of replication-independent double-strand breaks, organism-specific biosystem; Recruitment of repair and signaling proteins to double-strand breaks, organism-specific biosystem;
Function	RNA polymerase II activating transcription factor binding; RNA polymerase II transcription cofactor activity; damaged DNA binding; methylated histone residue binding; p53 binding; protein binding; telomeric DNA binding;