



Human FOXM1 peptide (DAG-P1618)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a transcriptional activator involved in cell proliferation. The encoded protein is phosphorylated in M phase and regulates the expression of several cell cycle genes, such as cyclin B1 and cyclin D1. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]
Specificity	Expressed in thymus, testis, small intestine, colon followed by ovary. Appears to be expressed only in adult organs containing proliferating/cycling cells or in response to growth factors. Also expressed in epithelial cell lines derived from tumors. Not e
Conjugate	Unconjugated
Sequence Similarities	Contains 1 fork-head DNA-binding domain.
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.

GENE INFORMATION

Gene Name	FOXM1 forkhead box M1 [Homo sapiens (human)]
Official Symbol	FOXM1
Synonyms	FOXM1; forkhead box M1; MPP2; TGT3; HFH11; HNF-3; INS-1; MPP-2; PIG29; FKHL16; FOXM1B; HFH-11; TRIDENT; MPHOSPH2; forkhead box protein M1; M-phase phosphoprotein 2; HNF-3/fork-head homolog 11; transcription factor Trident; MPM-2 reactive phosphoprotein 2; forkhead-related protein FKHL16; winged-helix factor from INS-1 cells; Forkhead, drosophila, homolog-like 16; hepatocyte nuclear factor 3 forkhead homolog 11;

Entrez Gene ID	2305
mRNA Refseq	NM_001243088.1
Protein Refseq	NP_001230017.1
UniProt ID	Q08050
Chromosome Location	12p13
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cyclin A/B1 associated events during G2/M transition, organism-specific biosystem; FOXM1 transcription factor network, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Mitotic G2-G2/M phases, organism-specific biosystem; Polo-like kinase mediated events, organism-specific biosystem; SIDS Susceptibility Pathways, organism-specific biosystem;
Function	DNA binding; DNA binding; DNA binding, bending; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; double-stranded DNA binding; protein binding; protein kinase binding; sequence-specific DNA binding; sequence-sp