



# Human JDP2 peptide (DAG-P0716)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Component of the AP-1 transcription factor that represses transactivation mediated by the Jun family of proteins. Involved in a variety of transcriptional responses associated with AP-1 such as UV-induced apoptosis, cell differentiation, tumorigenesis and antitumogenesis. Can also function as a repressor by recruiting histone deacetylase 3/HDAC3 to the promoter region of JUN. May control transcription via direct regulation of the modification of histones and the assembly of chromatin.
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the bZIP family. ATF subfamily. Contains 1 bZIP domain.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">JDP2 Jun dimerization protein 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	JDP2
<b>Synonyms</b>	JDP2; Jun dimerization protein 2; JUNDM2; jun dimerization protein 2; progesterone receptor co-activator;
<b>Entrez Gene ID</b>	<a href="#">122953</a>
<b>mRNA Refseq</b>	<a href="#">NM_001135047.1</a>

<b>Protein Refseq</b>	<a href="#">NP_001128519.1</a>
<b>UniProt ID</b>	Q8WYK2
<b>Chromosome Location</b>	14q24.3
<b>Pathway</b>	ATF-2 transcription factor network, organism-specific biosystem;
<b>Function</b>	chromatin binding; double-stranded DNA binding; protein binding; protein heterodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;