



## JDP2 (phospho Thr148) Polyclonal Antibody

Cat No: HR1AP5815

For research use only

### Overview

Product Name	JDP2 (phospho Thr148) Polyclonal Antibody
Source	Rabbit
Applications	IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	 A stylized DNA helix is positioned to the left of the word 'bioelsa'. The helix is blue and white, with red and grey circular dots scattered around it, representing proteins or other cellular components.
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GeneID?Human?	JDP2
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	JDP2; Jun dimerization protein 2
Background	function: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 antitumorigenesis. 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.,PTM:Phosphorylation of Thr-148 by MAPK8 in response to different stress conditions such as, UV irradiation, oxidative stress and anisomycin treatments.,similarity:Belongs to the bZIP family. ATF subfamily.,similarity:Contains 1 bZIP domain.,subunit:Forms homodimer or heterodimer with JUN, JUNB, JUND, CEBPG and ATF2 thereby inhibiting transactivation by JUN, ATF2 and CEBPG (By similarity). Binds multiple DNA elements such as cAMP-response element (CRE) and TPA response element (TRE) either as homodimer or heterodimer.,