

JDP2 (phospho Thr148) Polyclonal Antibody

Catalog No :	YP1099
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	JDP2
Gene Name :	JDP2
Protein Name :	Jun dimerization protein 2
Human Gene Id :	122953
Human Swiss Prot No :	Q8WYK2
Mouse Gene Id :	81703
Mouse Swiss Prot No :	P97875
Rat Gene Id :	116674
Rat Swiss Prot No :	Q78E65
Immunogen :	The antiserum was produced against synthesized peptide derived from human JDP-2 around the phosphorylation site of Thr148. AA range:114-163
Specificity :	Phospho-JDP2 (T148) Polyclonal Antibody detects endogenous levels of JDP2 protein only when phosphorylated at T148.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

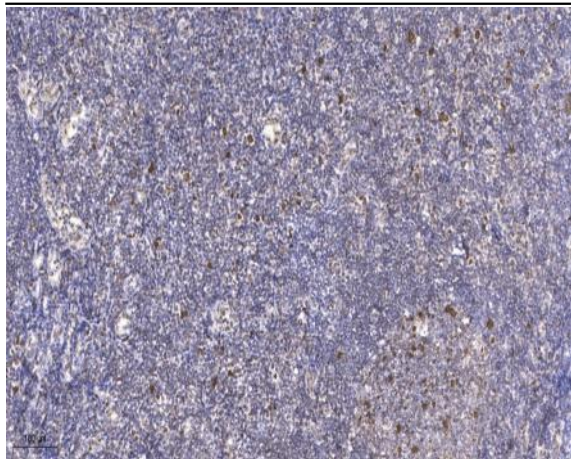
Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 19kD

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 antitumogeneris. 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, oxidatives 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.,

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Subcellular Nucleus .**Location :****Expression :** Colon,

Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4 ° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).