



Sp2 Polyclonal Antibody

Catalog No	YP-Ab-02034
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	SP2
Immunogen	The antiserum was produced against synthesized peptide derived from human SP2. AA range:471-520
Specificity	Sp2 Polyclonal Antibody detects endogenous levels of Sp2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA0048;SP2;Sp2 transcription factor;Transcription factor Sp2
Observed Band	64kD
Calculated Molecular Weight	64kD
Cell Pathway	Nucleus.
Tissue Specificity	Bone marrow,Brain,Lung,Lymph,Spleen,
Function	function: Binds to GC box promoters elements and selectively activates mRNA synthesis from genes that contain functional recognition sites.,similarity: Belongs to the Sp1 C2H2-type zinc-finger protein family.,similarity: Contains 3 C2H2-type zinc fingers.,
Background	This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein contains the least conserved DNA-binding domain within the Sp subfamily of proteins, and its DNA sequence specificity differs from the other Sp proteins. It localizes primarily within subnuclear foci associated with the nuclear matrix, and can activate or in some



cases repress expression from different promoters. [provided by RefSeq, Jul 2008],

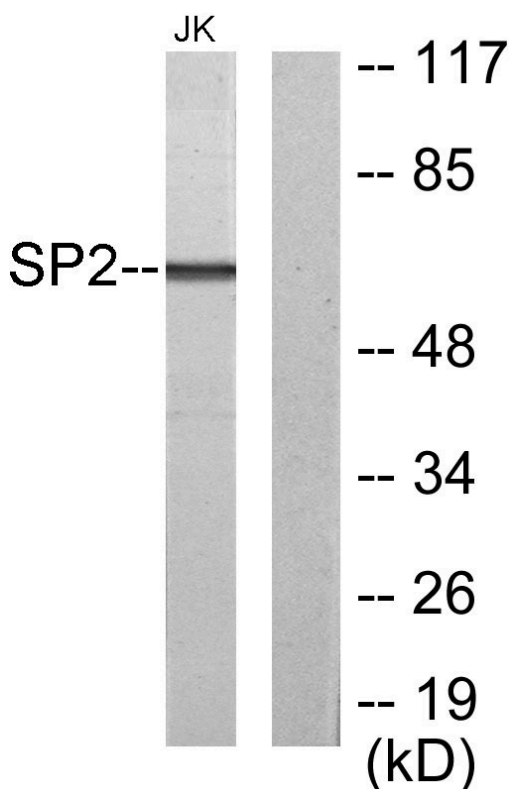
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

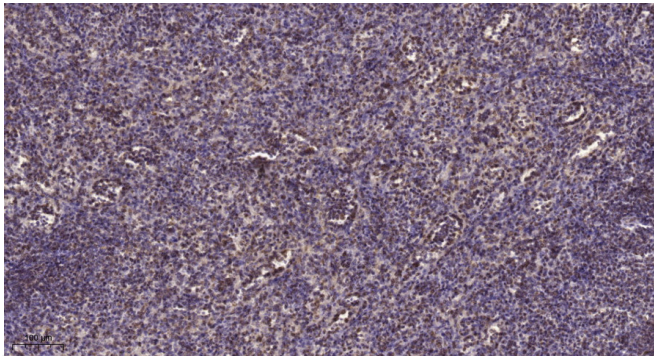
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jurkat cells, using SP2 Antibody. The lane on the right is blocked with the synthesized peptide.

Western blot analysis of the lysates from 293 cells using SP2 antibody.



Immunohistochemical analysis of paraffin-embedded human spleen. 1, Tris-EDTA, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).