

产品名称: SPOP Rabbit Polyclonal Antibody
产品货号: APRab18207



产品概述 (Summary)

产品名称 (Production Name)	SPOP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SPOP
别名 (Alternative Names)	Speckle-type POZ protein (HIB homolog 1) (Roadkill homolog 1)
基因 ID (Gene ID)	8405.0
蛋白 ID (SwissProt ID)	O43791.The antiserum was produced against synthesized peptide derived from the Internal region of human SPOP. AA range:41-90

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	42kDa

研究背景 (Background)

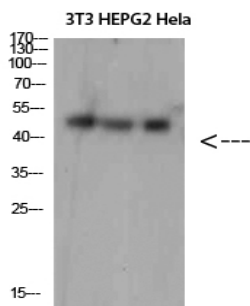
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This gene encodes a protein that may modulate the transcriptional repression activities of death-associated protein 6 (DAXX), which interacts with histone deacetylase, core histones, and other histone-associated proteins. In mouse, the encoded protein binds to the putative leucine zipper domain of macroH2A1.2, a variant H2A histone that is enriched on inactivated X chromosomes. The BTB/POZ domain of this protein has been shown in other proteins to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes. Alternative splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008], domain: The MATH domain interacts with H2AFY and BMI1., function: Inhibits IPF1/PDX1 transactivation of established target promoters, such as insulin, may be by recruiting a repressor complex (By similarity). In complex with CUL3, involved in ubiquitination of BMI1, H2AFY and DAXX, and probably also in ubiquitination and proteasomal degradation of Gli2 or Gli3., miscellaneous: Antigen recognized by serum from scleroderma patient., pathway: Protein modification; protein ubiquitination., similarity: Belongs to the Tdpoz family., similarity: Contains 1 BTB (POZ) domain., similarity: Contains 1 MATH domain., subunit: Homodimer. Part of a complex consisting of BMI1, CUL3 and SPOP. Part of a complex consisting of H2AFY, CUL3 and SPOP. Part of a complex consisting of DAXX, CUL3 and SPOP. Interacts with H2AFY, IPF1/PDX1, BMI1 and DAXX. Interacts with CUL3., tissue specificity: Widely expressed.,

研究领域 (Research Area)

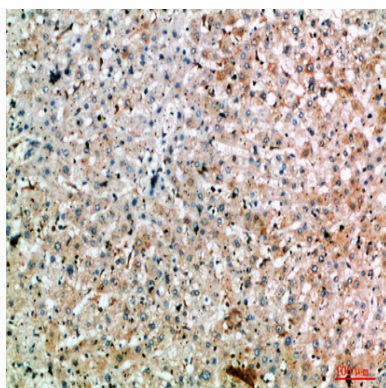
Epigenetics and Nuclear Signaling; DNA / RNA; RNA Processing

图片 (Image Data)

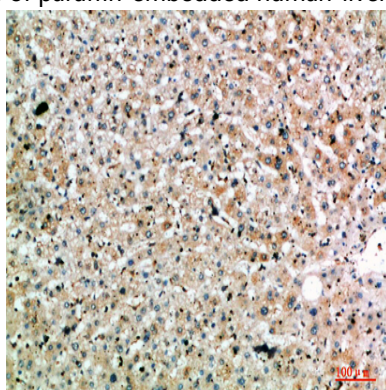


Western Blot analysis of 3T3 HEPG2 HeLa cells using SPOP Polyclonal Antibody diluted at 1:1500. Secondary antibody was diluted at 1:20000

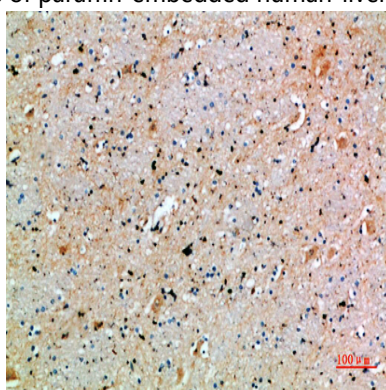
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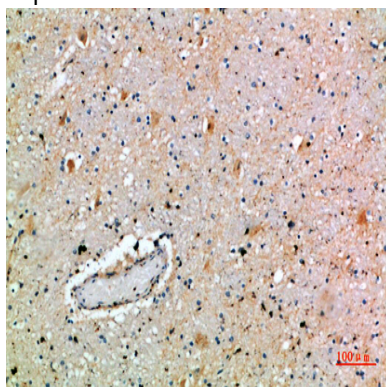
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200



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Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

注意事项 (Note)

For research use only .