

产品名称: GCN5 Rabbit Polyclonal Antibody
产品货号: APRab11359



产品概述 (Summary)

产品名称 (Production Name)	GCN5 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

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)	KAT2A KAT2A; GCN5; GCN5L2; HGCN5; Histone acetyltransferase KAT2A; General control of amino acid synthesis protein 5-like 2; Histone acetyltransferase GCN5; HsGCN5; Lysine acetyltransferase 2A; STAF97
别名 (Alternative Names)	
基因 ID (Gene ID)	2648.0
蛋白 ID (SwissProt ID)	Q92830.The antiserum was produced against synthesized peptide derived from human GCN5L2. AA range:691-740

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	100kDa

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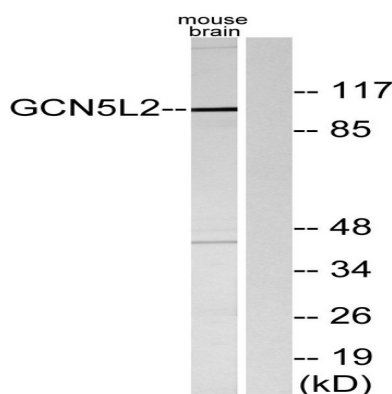
研究背景 (Background)

KAT2A, or GCN5, is a histone acetyltransferase (HAT) that functions primarily as a transcriptional activator. It also functions as a repressor of NF-kappa-B (see MIM 164011) by promoting ubiquitination of the NF-kappa-B subunit RELA (MIM 164014) in a HAT-independent manner (Mao et al., 2009 [PubMed 19339690]).[supplied by OMIM, Sep 2009],somitogenesis, regionalization, chromatin organization, chromatin remodeling, transcription, transcription, DNA-dependent, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter,transcription from RNA polymerase II promoter, protein amino acid acetylation, pattern specification process,embryonic development ending in birth or egg hatching, anterior/posterior pattern formation, chromatin modification,covalent chromatin modification, histone modification, histone acetylation, histone deubiquitination, protein deubiquitination, RNA biosynthetic process, segmentation, chordate embryonic development, protein amino acid acylation, histone H3 acetylation, regulation of transcription, regulation of RNA metabolic process, chromosome organization, protein modification by small protein removal, protein modification by small protein conjugation or removal,

研究领域 (Research Area)

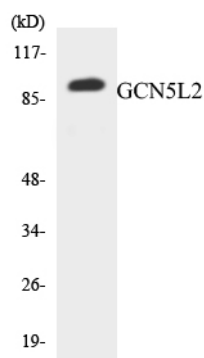
Protein_Acetylation

图片 (Image Data)

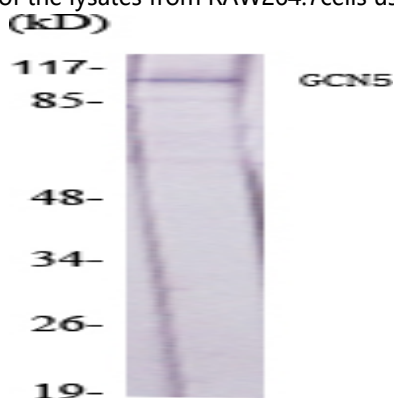


Western blot analysis of lysates from mouse brain, using GCN5L2 Antibody. The lane on the right is blocked with the synthesized peptide.

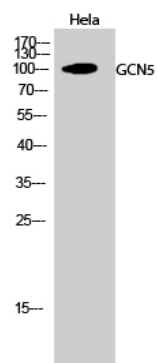
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Western blot analysis of the lysates from RAW264.7 cells using GCN5L2 antibody.

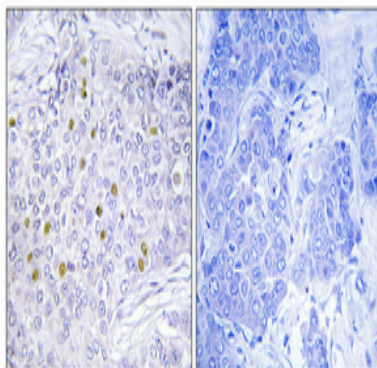


Western Blot analysis of various cells using GCN5 Polyclonal Antibody diluted at 1: 1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .



Western Blot analysis of HeLa cells using GCN5 Polyclonal Antibody diluted at 1: 1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

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Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .