



GCN5 Monoclonal Antibody

Observed Band Cell Pathway Nucleus . Chromosome . Cytoplasm, cytoskeleton, microtubule organizing center centrosome . Mainly localizes to the nucleus (PubMed:27796307). Also localizes to centrosomes in late G1 and around the G1/S transition, coinciding with the onset of centriole formation (PubMed:27796307). Tissue Specificity Expressed in all tissues tested. Function somitogenesis, regionalization, chromatin organization, chromatin remodeling, transcription, transcription, DNA-dependent, regulation of transcription, DNA-dependent, regulation 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, histone		
Reactivity Human;Mouse Applications WB Gene Name KAT2A Protein Name Histone acetyltransferase KAT2A Immunogen The antiserum was produced against synthesized peptide derived from human GCNSL2. AA range:691-740 Specificity GCN5 Monoclonal Antibody detects endogenous levels of GCN5 protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms 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 Observed Band 100kD Cell Pathway Nucleus. Chromosome. Cytoplasm, cytoskeleton, microtubule organizing center centrosome in late G1 and around the G1/S transition, coinciding with the onset of centrole formation (PubMed:27796307). Also localizes to centrosomes in late G1 and around the G1/S transition, coinciding with the onset of centrole formation (PubMed:27796307). DNA-dependent, r	Catalog No	BYmab-01748
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remodeling, transcription, transcription, DNA-dependent, regulation of transcription, DNA-dependent, regulation of transcription from RNA polymerase II promoter, protein amino acid 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	Tissue Specificity	Expressed in all tissues tested.
	Function	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

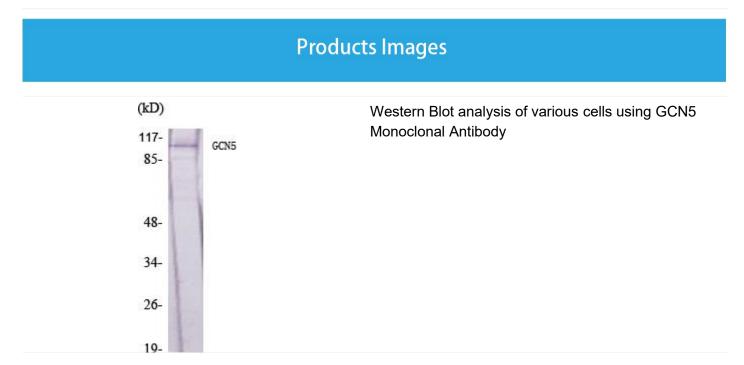
Nanjing BYabscience technology Co.,Ltd



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	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 rem
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],
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.



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