

KANSL1 polyclonal antibody

Catalog # PAB20355 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebral cortex with KANSL1 polyclonal antibody (Cat # PAB20355) shows strong cytoplasmic and nuclear positivity in neuronal cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant KANSL1.
Immunogen	Recombinant protein corresponding to amino acids of human KANSL1.
Sequence	APLLERLSQLDSCVHPVLAFPDVPTSLHFQSMKLSQWQNKPFDKIKPPKKLSLKHRAPMPGSL PDSARKDRHKLVSFLTTAKLSHHQTRPDRTHRQHLLDDVGAVPMVERVTAPKAERLLNPPPPVH DPNHSMRLRDHSS
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — KANSL1

Entrez GeneID[284058](#)**Protein Accession#**[Q7Z3B3](#)**Gene Name**

KANSL1

Gene Alias

CENP-36, KDVS, KIAA1267, MSL1v1, NSL1, hMSL1v1

Gene Description

KAT8 regulatory NSL complex subunit 1

Gene Ontology[Hyperlink](#)**Other Designations**

MLL1/MLL complex subunit KANSL1; MSL1 homolog 1; NSL complex protein NSL1; centromere protein 36; male-specific lethal 1 homolog; non-specific lethal 1 homolog

Publication Reference

- [Kansl1 haploinsufficiency impairs autophagosome-lysosome fusion and links autophagic dysfunction with Koolen-de Vries syndrome in mice.](#)

Ting Li, Dingyi Lu, Chengcheng Yao, Tingting Li, Hua Dong, Zhan Li, Guang Xu, Jiayi Chen, Hao Zhang, Xiaoyu Yi, Haizhen Zhu, Guangqin Liu, Kaiqing Wen, Haixin Zhao, Jun Gao, Yakun Zhang, Qiuying Han, Teng Li, Weina Zhang, Jie Zhao, Tao Li, Zhaofang Bai, Moshi Song, Xinhua He, Tao Zhou, Qing Xia, Ailing Li, Xin Pan.

Nature Communications 2022 Feb; 13(1):931.

Application: ChIP, WB-Ce, Human, HeLa cells

- [NuMA recruits dynein activity to microtubule minus-ends at mitosis.](#)

Hueschen CL, Kenny SJ, Xu K, Dumont S.

Elife 2017 Nov; 6:e2932.

Application: IF, WB, Human, RPE1 cells

- [MOF Acetyl Transferase Regulates Transcription and Respiration in Mitochondria.](#)

Aindrita Chatterjee, Janine Seyfferth, Jacopo Lucci, Ralf Gilsbach, Sebastian Preissl, Lena Böttinger, Christoph U Mårtensson, Amol Panhale, Thomas Stehle, Oliver Kretz, Abdullah H Sahyoun, Sergiy Avilov, Stefan Eimer, Lutz Hein, Nikolaus Pfanner, Thomas Becker, Asifa Akhtar.

Cell 2016 Oct; 167(3):722.

Application: WB-Ce, WB-Tr, Human, HeLa cells

Disease

- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)