

ZNF219 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1982a

Product Information

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|--------------------------|------------------------|
| Application | WB, IHC-P, E |
| Primary Accession | Q9P2Y4 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Clone Names | RB14134 |
| Calculated MW | 76877 |
| Antigen Region | 154-183 |

Additional Information

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|---------------------------|--|
| Gene ID | 51222 |
| Other Names | Zinc finger protein 219, ZNF219 |
| Target/Specificity | This ZNF219 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 154-183 amino acids from the N-terminal region of human ZNF219. |
| Dilution | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration. |
| Format | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Precautions | ZNF219 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

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| Name | ZNF219 |
| Function | Transcriptional regulator (PubMed: 14621294 , PubMed: 19549071). Recognizes and binds 2 copies of the core DNA sequence motif 5'-GGGGG- 3' (PubMed: 14621294). Binds to the HMGN1 promoter and may repress HMGN1 expression (PubMed: 14621294). Regulates SNCA expression in primary cortical neurons (PubMed: 19549071). Binds to the COL2A1 promoter and |

activates COL2A1 expression, as part of a complex with SOX9 (By similarity).
Plays a role in chondrocyte differentiation (By similarity).

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| Cellular Location | Nucleus |
| Tissue Location | Ubiquitous.. |

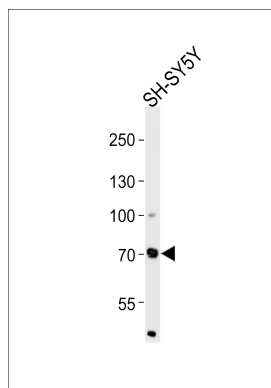
Background

ZNF219 is a member of the Kruppel-like zinc finger family that is involved in a diverse range of biological processes. ZNF219 is a 77-kDa nuclear protein containing nine sets of C2H2 zinc finger structures. It may be involved in transcriptional regulation, it functions as a transcriptional repressor for the HMGN1 promoter

References

Olsen,J.V., Cell 127 (3), 635-648 (2006)
Paces-Fessy,M., Biochem. J. 378 (PT 2), 353-362 (2004)
Sakai,T., DNA Res. 10 (4), 155-165 (2003)

Images



Western blot analysis of lysate from SH-SY5Y cell line, using ZNF219 Antibody (N-term)(Cat. #AP1982a). AP1982a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.