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ZNF219 Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1982a

Product Information

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

Additional Information

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

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).

Cellular Location Nucleus

Tissue Location Ubiquitous..

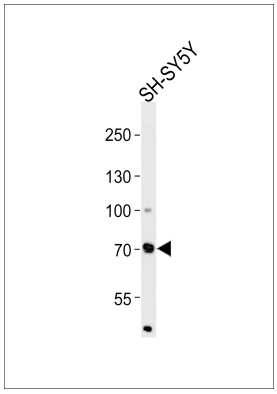
Background

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

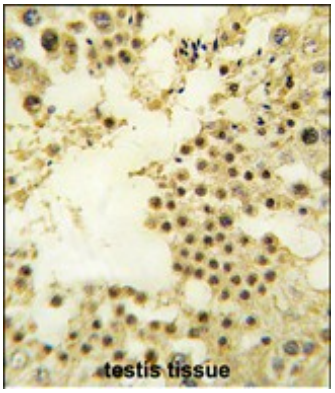
References

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.



Formalin-fixed and paraffin-embedded human testis tissue reacted with ZNF219 antibody (N-term) (Cat.#AP1982a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

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