

ZNF219 Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP1982a**Specification**

ZNF219 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9P2Y4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	154-183

ZNF219 Antibody (N-term) - 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~~1:10~50

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.

ZNF219 Antibody (N-term) - 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

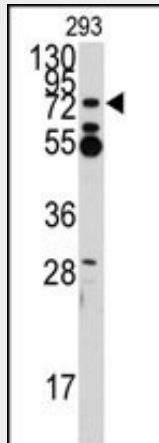
Tissue Location

Ubiquitous..

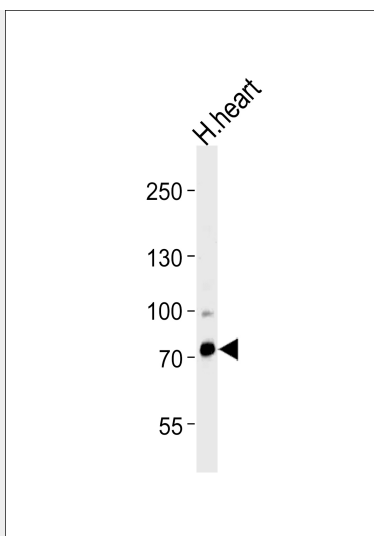
ZNF219 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

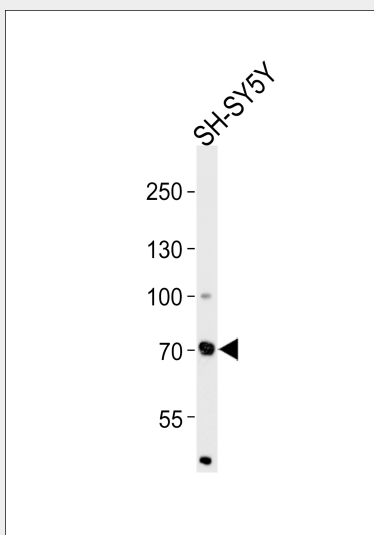
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZNF219 Antibody (N-term) - Images

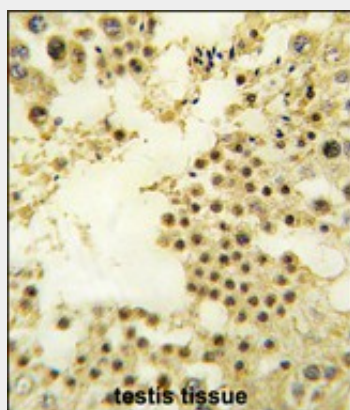
Western blot analysis of anti-ZNF219 Antibody (N-term) (Cat.#AP1982a) in 293 cell line lysates (35ug/lane).ZNF219(arrow) was detected using the purified Pab.



Western blot analysis of lysate from human heart tissue, using ZNF219 Antibody (N-term) (Cat. #AP1982a). AP1982a was diluted at 1:1000 at each lane. A goat anti-rabbit (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



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.

ZNF219 Antibody (N-term) - 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

ZNF219 Antibody (N-term) - 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)