

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

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**ZNF219 Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">Q9P2Y4</a>
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

**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

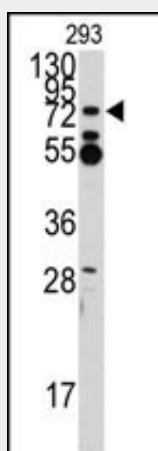
**Tissue Location**

Ubiquitous..

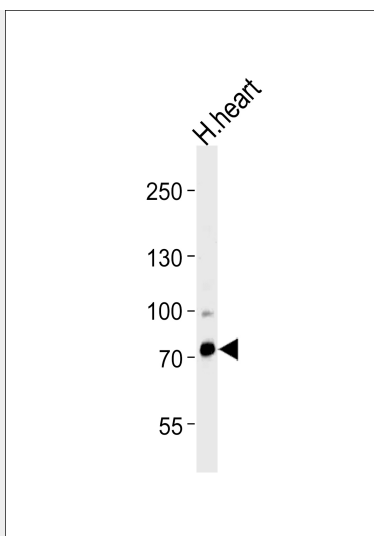
**ZNF219 Antibody (N-term) - Protocols**

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

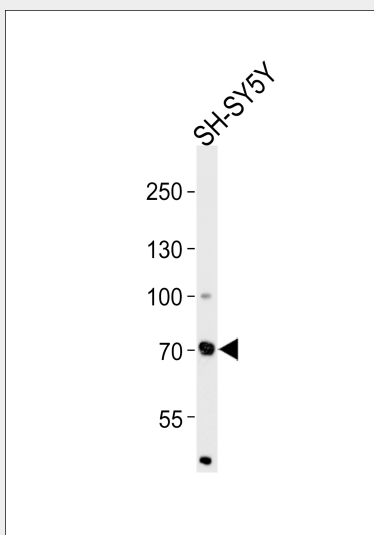
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ZNF219 Antibody (N-term) - Images**

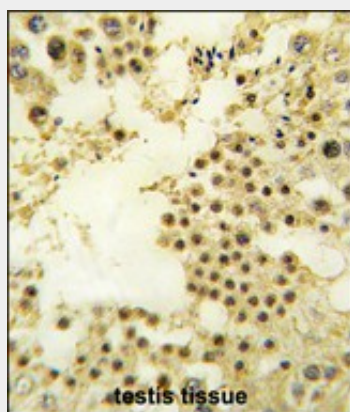
Western blot analysis of anti-ZNF219 Antibody (N-term) (Cat.#AP1982a) in 293 cell line lysates (35ug/lane).ZNF219(arrow) was detected using the purified Pab.



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)