10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

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

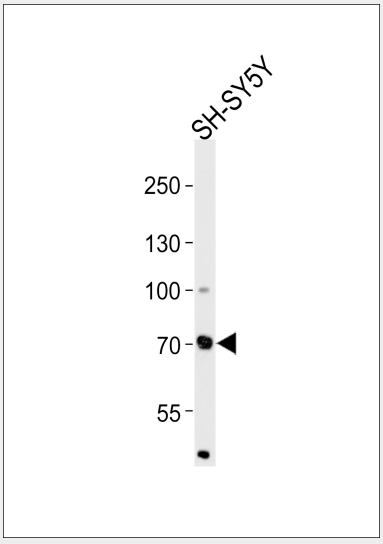
Tissue Location
Ubiquitous..

ZNF219 Antibody (N-term) - Protocols

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

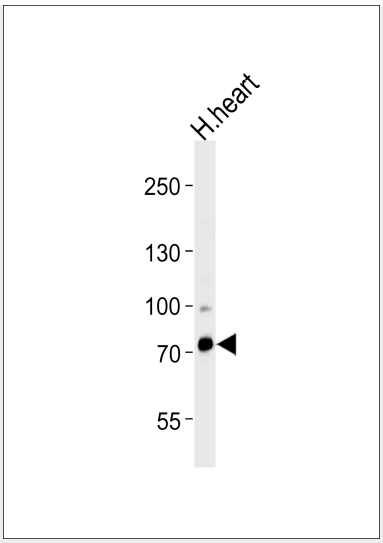
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZNF219 Antibody (N-term) - Images

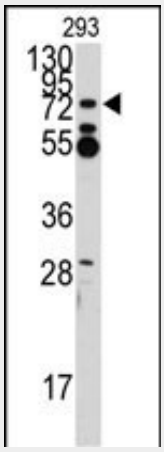


Western blot analysis of lysate from SH-SY5Y cell line, using ZNF219 Antibody (N-term)(Cat. #AP1982a). AP1982a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

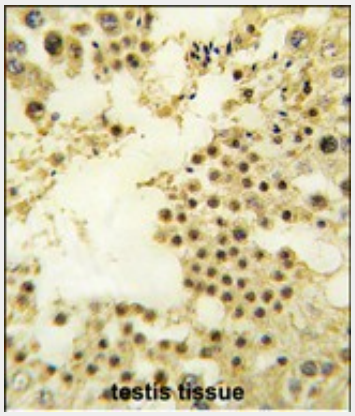
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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



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)