

STRN4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12754A**Specification**

STRN4 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9NRL3
Other Accession	NP_001034966.1 , NP_037535.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	80596
Antigen Region	124-153

STRN4 Antibody (N-term) - Additional Information**Gene ID** 29888**Other Names**

Striatin-4, Zinedin, STRN4, ZIN

Target/Specificity

This STRN4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 124-153 amino acids from the N-terminal region of human STRN4.

Dilution

WB~~1:1000

IHC-P~~1:100

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

STRN4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

STRN4 Antibody (N-term) - Protein Information**Name** STRN4 ([HGNC:15721](#))

Synonyms ZIN

Function Calmodulin-binding scaffolding protein which is the center of the striatin-interacting phosphatase and kinase (STRIPAK) complexes (PubMed:[18782753](#), PubMed:[32640226](#)). STRIPAK complexes have critical roles in protein (de)phosphorylation and are regulators of multiple signaling pathways including Hippo, MAPK, nuclear receptor and cytoskeleton remodeling (PubMed:[32640226](#)). Different types of STRIPAK complexes are involved in a variety of biological processes such as cell growth, differentiation, apoptosis, metabolism and immune regulation (Probable). Key regulator of the expanded Hippo signaling pathway by interacting and allowing the inhibition of MAP4K kinases by the STRIPAK complex (PubMed:[32640226](#)).

Cellular Location

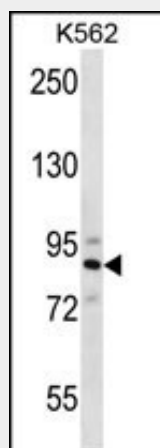
Cytoplasm.

STRN4 Antibody (N-term) - Protocols

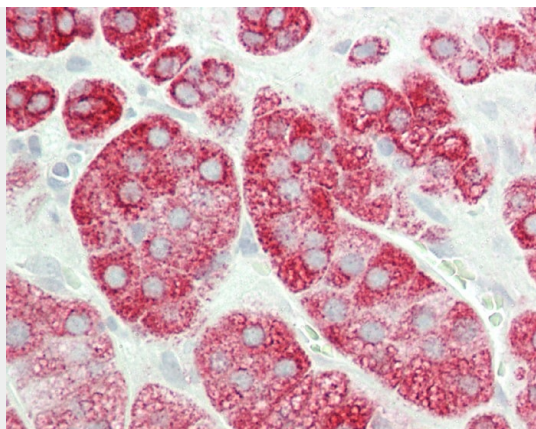
Provided below are standard protocols that you may find useful for product applications.

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

STRN4 Antibody (N-term) - Images



STRN4 Antibody (N-term) (Cat. #AP12754a) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the STRN4 antibody detected the STRN4 protein (arrow).



Formalin-fixed and paraffin-embedded H.adrenal tissue tissue reacted with STRN4 Antibody (N-term) (Cat#AP12754a).

STRN4 Antibody (N-term) - Background

STRN4 binds calmodulin in a calcium dependent manner. May function as scaffolding or signaling protein.

STRN4 Antibody (N-term) - References

- Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Slager, S.L., et al. Cancer Epidemiol. Biomarkers Prev. 19(4):1098-1102(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Goudreault, M., et al. Mol. Cell Proteomics 8(1):157-171(2009)
Di Bernardo, M.C., et al. Nat. Genet. 40(10):1204-1210(2008)