

ZC3HC1 / NIPA Antibody (aa320-369)
Rabbit Polyclonal Antibody
Catalog # ALS16682**Specification**

ZC3HC1 / NIPA Antibody (aa320-369) - Product Information

Application	IHC, IF
Primary Accession	Q86WB0
Other Accession	51530
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	55262

ZC3HC1 / NIPA Antibody (aa320-369) - Additional Information**Gene ID** 51530**Other Names**

ZC3HC1, HSPC216, HNIPA, Zinc finger, C3HC type 1, NIPA

Target/Specificity

NIPA Antibody detects endogenous levels of total NIPA protein.

Reconstitution & StoragePBS (without Mg²⁺, Ca²⁺), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol.
Store at -20°C for up to one year.**Precautions**

ZC3HC1 / NIPA Antibody (aa320-369) is for research use only and not for use in diagnostic or therapeutic procedures.

ZC3HC1 / NIPA Antibody (aa320-369) - Protein Information**Name** ZC3HC1**Synonyms** NIPA**Function**

Essential component of a SCF-type E3 ligase complex, SCF(NIPA), a complex that controls mitotic entry by mediating ubiquitination and subsequent degradation of cyclin B1 (CCNB1). Its cell-cycle-dependent phosphorylation regulates the assembly of the SCF(NIPA) complex, restricting CCNB1 ubiquitination activity to interphase. Its inactivation results in nuclear accumulation of CCNB1 in interphase and premature mitotic entry. May have an antiapoptotic role in NPM-ALK-mediated signaling events.

Cellular Location

Nucleus.

Tissue Location

Widely expressed. Highly expressed in heart, skeletal muscle and testis. Expressed in brain, placenta, lung, kidney, liver, pancreas, spleen, thymus, prostate, ovary small intestine and colon. Weakly or not expressed in leukocytes

Volume

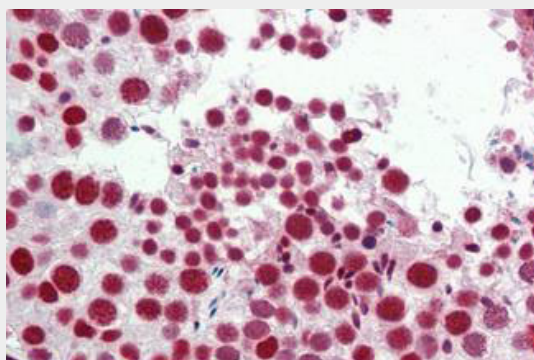
50 µl

ZC3HC1 / NIPA Antibody (aa320-369) - Protocols

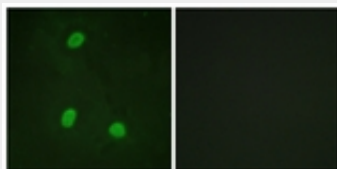
Provided below are standard protocols that you may find useful for product applications.

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

ZC3HC1 / NIPA Antibody (aa320-369) - Images



Anti-ZC3HC1 / NIPA antibody IHC staining of human testis.



Immunofluorescence of HeLa cells, using NIPA Antibody.

ZC3HC1 / NIPA Antibody (aa320-369) - Background

Essential component of an SCF-type E3 ligase complex, SCF(NIPA), a complex that controls mitotic entry by mediating ubiquitination and subsequent degradation of cyclin B1 (CCNB1). Its cell-cycle-dependent phosphorylation regulates the assembly of the SCF(NIPA) complex, restricting CCNB1 ubiquitination activity to interphase. Its inactivation results in nuclear accumulation of CCNB1 in interphase and premature mitotic entry. May have an antiapoptotic role in NPM-ALK-mediated signaling events.

ZC3HC1 / NIPA Antibody (aa320-369) - References

Ouyang T.,et al.J. Biol. Chem. 278:30028-30036(2003).
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 424:157-164(2003).
Bassermann F.,et al.Cell 122:45-57(2005).