



NIPA rabbit pAb

Cat No.:ES2963

For research use only

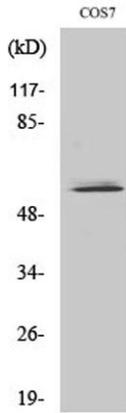
Overview

| | |
|---------------------------------|--|
| Product Name | NIPA rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IF;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat;Monkey |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human NIPA. AA range:320-369 |
| Specificity | NIPA Polyclonal Antibody detects endogenous levels of NIPA protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Nuclear-interacting partner of ALK |
| Gene Name | ZC3HC1 |
| Cellular localization | Nucleus . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 55kD |
| Human Gene ID | 51530 |
| Human Swiss-Prot Number | Q86WB0 |
| Alternative Names | ZC3HC1; NIPA; HSPC216; Nuclear-interacting partner of ALK; Nuclear-interacting partner of anaplastic lymphoma kinase; hNIPA; Zinc finger C3HC-type protein 1 |
| Background | This gene encodes an F-box-containing protein that is a component of an SCF-type E3 ubiquitin ligase complex that regulates the onset of cell division. The |



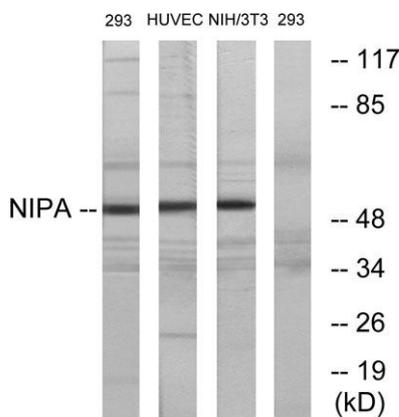
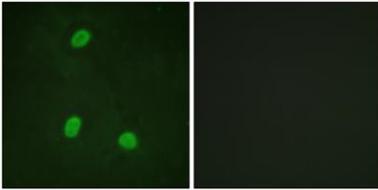


G2/M transition in the cell cycle requires the interaction of the proteins cyclin B1 and cyclin-dependent kinase 1. The activated ubiquitin ligase complex targets the protein cyclin B1 for degradation, preventing this transition to mitosis. [provided by RefSeq, Aug 2013],



Western Blot analysis of various cells using NIPA Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).

Immunofluorescence analysis of HeLa cells, using NIPA Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293/HuVc/NIH/3T3, using NIPA Antibody. The lane on the right is blocked with the synthesized peptide.

