



PinX1 rabbit pAb

Cat No.:ES6688

For research use only

Overview

| | |
|---------------------------------|---|
| Product Name | PinX1 rabbit pAb |
| Host species | Rabbit |
| Applications | IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human PINX1. AA range:121-170 |
| Specificity | PinX1 Polyclonal Antibody detects endogenous levels of PinX1 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 | PIN2/TERF1-interacting telomerase inhibitor 1 |
| Gene Name | PINX1 |
| Cellular localization | Nucleus . Nucleus, nucleolus. Chromosome, telomere. Chromosome, centromere, kinetochore. Localizes in nucleoli, at telomere speckles and to the outer plate of kinetochores. Localization to the kinetochore is mediated by its central region and depends on N |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | |
| Human Gene ID | 54984 |
| Human Swiss-Prot Number | Q96BK5 |
| Alternative Names | PINX1; LPTL; LPTS; PIN2/TERF1-interacting telomerase inhibitor 1; Liver-related putative tumor suppressor; Pin2-interacting protein X1; Protein |





Background

67-11-3; TRF1-interacting protein 1 domain: The TID (telomerase inhibiting domain) domain is sufficient to bind TERT and inhibit its activity., function: Inhibits telomerase activity. May inhibit cell proliferation and act as tumor suppressor., similarity: Belongs to the PINX1 family., similarity: Contains 1 G-patch domain., subcellular location: In nucleoli and at telomere speckles., subunit: Binds to MCRS1, TERT and TERF1., tissue specificity: Ubiquitous; expressed at low levels. Not detectable in a number of hepatocarcinoma cell lines.,

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).

