Best Tools for immunology Research

PinX1 Polyclonal Antibody

Catalog No :	YT3732
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;ELISA
Target :	PinX1
Gene Name :	PINX1
Protein Name :	PIN2/TERF1-interacting telomerase inhibitor 1
Human Gene Id :	54984
Human Swiss Prot No :	Q96BK5
Mouse Swiss Prot No :	Q9CZX5
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	37kD

Background : 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.,

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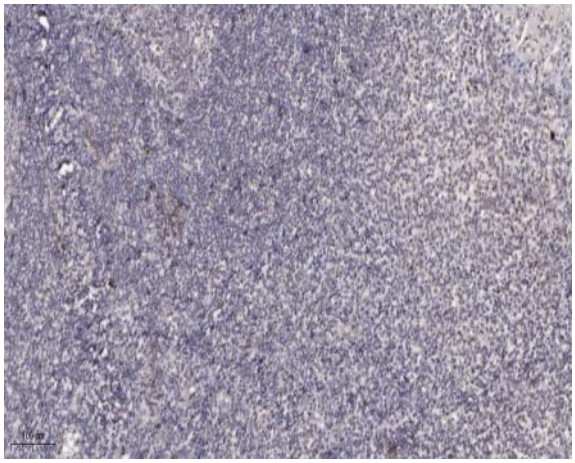
Subcellular Location : Nucleus . Nucleus, nucleolus. Chromosome, telomere. Chromosome, centromere, kinetochore. Localizes in nucleoli, at telomere speckles and to the outer plate of kinetochores. Localization to the kinetochore is mediated by its central region and depends on NDC80 and CENPE.

Expression : Ubiquitous; expressed at low levels. Not detectable in a number of hepatocarcinoma cell lines.

Products Images



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).