

Immunotag™ PinX1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3732
Product Description	Immunotag™ PinX1 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PinX1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	PINX1
Accession No.	Q96BK5 Q9CZX5
Alternate Names	PINX1; LPTL; LPTS; PIN2/TERF1-interacting telomerase inhibitor 1; Liver-related putative tumor suppressor; Pin2-interacting protein X1; Protein 67-11-3; TRF1-interacting protein 1

Antibody Specification

Description	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.,
Protein Expression	Cervix carcinoma,Liver,Uterus,
Subcellular Localization	nuclear chromosome,kinetochore,condensed chromosome kinetochore,nuclear chromosome, telomeric region,nucleus,nucleolus,cytoplasm,mitochondrion,spindle,intracellular membrane-bounded organelle,
Protein Function	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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.