proteintech®
Antibodies | ELISA kits | Proteins

For Research Use Only

IHC*easy* TXNL1 Ready-To-Use IHC Kit

Catalog Number: KHC1303

General Information

Sample type:
FFPE tissue

Cited sample type:

Reactivity:
Human, Mouse

Cited Reactivity:

Assay type:
Immunohistochemistry

Primary antibody type:
Rabbit Polyclonal

Secondary antibody type:
Polymer-HRP-Goat anti-Rabbit

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

Background

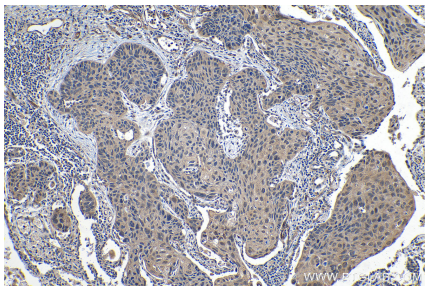
TXNL1(Thioredoxin-like protein 1) is also named as TRP32, TXL, TXNL and belongs to the thioredoxin family. It might be involved in the cellular response to sugar starvation stress. The predicted 289-amino acid, has 2 distinct domains: an N-terminal domain, which is 43% identical to human TXN, and a C-terminal domain, which showed no homology to other proteins in the sequence databases. TXNL1 functions as an effector of oxidants or redox sensor that couples oxidative stress to endocytosis, by converting redox changes into a specific GDI:Rab5-mediated endocytic response.

Synonyms

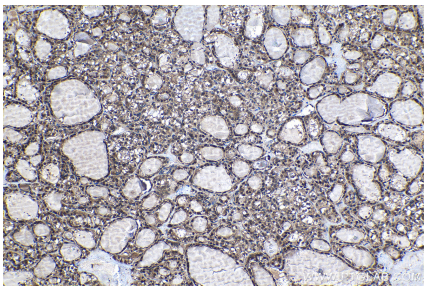
thioredoxin like 1, Thioredoxin like protein 1, TRP32, Txl, TXL 1, TXNL, TXNL1

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

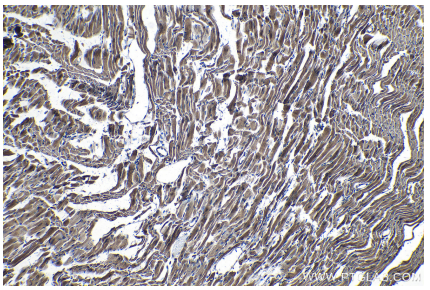
Selected Validation Data



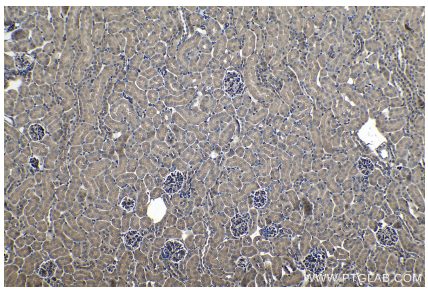
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using KHC1303 (TXNL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using KHC1303 (TXNL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using KHC1303 (TXNL1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using KHC1303 (TXNL1 IHC Kit).