

TXNL1 Antibody

Catalog No: #43055

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Description

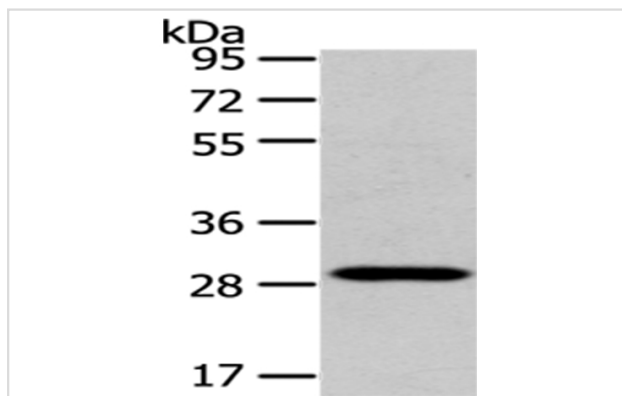
Product Name	TXNL1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TXNL1 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human TXNL1
Target Name	TXNL1
Other Names	Txl; TXNL; TRP32; TXL-1; HEL-S-114
Accession No.	Swiss-Prot#: O43396Gene ID: 9352
Uniprot	O43396
GeneID	9352;
Calculated MW	32kd
Concentration	0.6mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1:100-1:200

Images



Gel: 8%SDS-PAGE

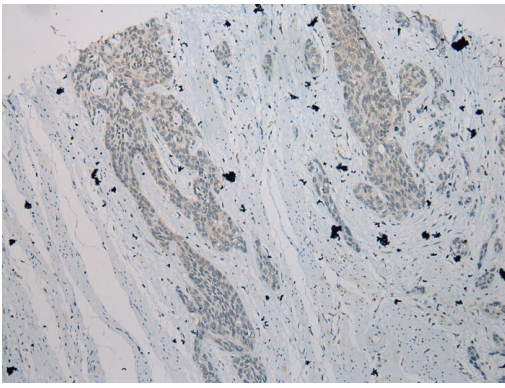
Lysate: 40 µg

Lane: 293T cell

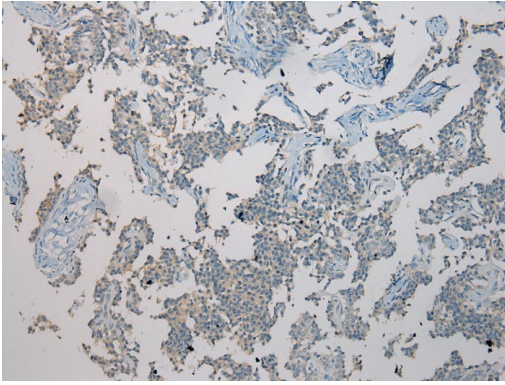
Primary antibody: 1/400 dilution

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



Immunohistochemical analysis of paraffin-embedded Human Esophagus cancer tissue using #43055 at dilution 1/100.



Immunohistochemical analysis of paraffin-embedded Human Ovarian cancer tissue using #43055 at dilution 1/100.

Background

TXNL1 (Thioredoxin-like protein 1), also known as TRP32, TXL or TXL-1, is a 289 amino acid cytoplasmic protein that is thought to participate in endocytotic signaling pathways and may act as a redox sensor. Expressed throughout the body, TXNL1 functions to couple oxidative stress to endocytosis, thereby regulating the GDI:Rad5-mediated endocytic response. Additionally, overexpression of TXNL1 inhibits cell proliferation by predisposing the cell to G0/G1 arrest, suggesting that TXNL1 also functions as a transcriptional repressor.?

Note: This product is for in vitro research use only