

Anti-TXNL1 Antibody

Catalog Number: A07528-1

About TXNL1

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, 32.3-kD protein 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(PMID:9473519).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(PMID:17987124).

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Overview

Product Name	Anti-TXNL1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TXNL1 Antibody catalog # A07528-1. Tested in WB, IHC, ICC/IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	O43396

Technical Details

Immunogen	E.coli-derived human TXNL1 recombinant protein (Position: G3-G286).
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Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ImmunoPrecipitation, 1:250-300 ELISA, 1:100-1000

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For Research Use Only. Not for use in diagnostic procedures.