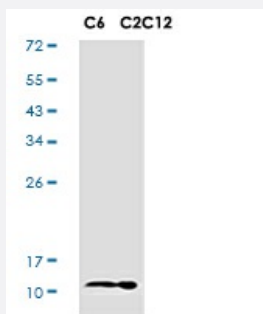


RecomAb™

TXN recombinant monoclonal antibody, clone R07-4A4

Catalog # RAB01324 Size 100 uL

Applications



Western Blot

Western blot analysis of Thioredoxin/TRX in C6, C2C12 lysates using Thioredoxin antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human TXN.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human TXN.
Theoretical MW (kDa)	Calculated MW: 12 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C. For longer storage, aliquot and store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Thioredoxin/TRX in C6, C2C12 lysates using Thioredoxin antibody.

Gene Info — TXN

Entrez GeneID[7295](#)**Protein Accession#**[P10599](#)**Gene Name**

TXN

Gene Alias

DKFZp686B1993, MGC61975, TRX, TRX1

Gene Description

thioredoxin

Omim ID[187700](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Thioredoxin is a 12-kD oxidoreductase enzyme containing a dithiol-disulfide active site. It is ubiquitous and found in many organisms from plants and bacteria to mammals. Multiple in vitro substrates for thioredoxin have been identified, including ribonuclease, choriogonadotropins, coagulation factors, glucocorticoid receptor, and insulin. Reduction of insulin is classically used as an activity test.[supplied by OMIM]

Other Designations

OTTHUMP00000021892

Disease

- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)

- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Tobacco Use Disorder](#)