

Product Name: Thioredoxin Rabbit Monoclonal Antibody
Catalog #: AMRe01312

Summary

Production Name	Thioredoxin Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	TXN
Alternative Names	TXN; ADF; ATL-derived factor; SASP; Thioredoxin; TRX1; Thioredoxin delta 3; TRX; TXN delta 3; TRDX
Gene ID	7295
SwissProt ID	P10599

Application

Dilution Ratio	WB: 1/1000-1/10000 IHC: 1/50-1/200 IF: 1/100-1/500 IP: 1/20
Molecular Weight	Calculated MW: 12 kDa; Observed MW: 12 kDa

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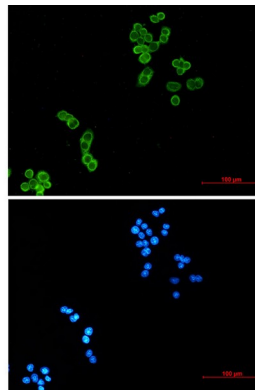
Background

Thioredoxin (Trx) is a redox protein that is found in several species, such as bacteria, plants and mammals, and contains a conserved active site, consisting of Trp-Cys-Gly-Pro-Cys. Participates in many cellular processes including redox signaling, response to oxidative stress, and protein reduction

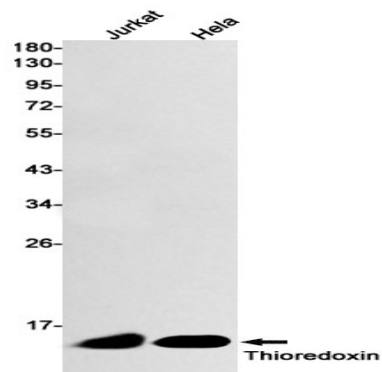
Research Area

Tags & Cell Markers

Image Data

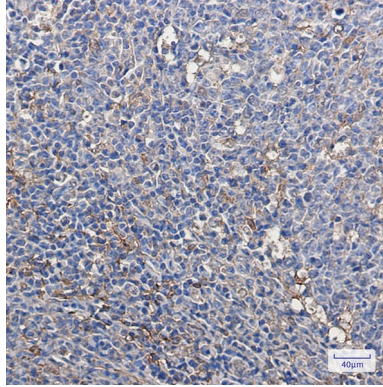


Immunocytochemistry analysis of Thioredoxin (green) in HeLa using Thioredoxin antibody, and DAPI (blue).



Western blot analysis of Thioredoxin in Jurkat, HeLa lysates using Thioredoxin antibody.

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using Thioredoxin/TRX antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.