

Product Name: Thioredoxin 2 Rabbit Monoclonal Antibody
Catalog #: AMRe02686

Summary

Production Name	Thioredoxin 2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
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% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	TXN2
Alternative Names	TXN; MTRX; TRX2; MT-TRX; COXPD29
Gene ID	25828
SwissProt ID	Q99757.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200
Molecular Weight	Calculated MW: 18 kDa; Observed MW: 13 kDa

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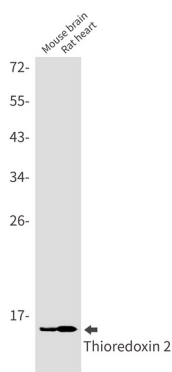
Background

Thioredoxins (Trx) are small, multi-functional proteins with oxidoreductase activity and are ubiquitous in essentially all living cells. Trx contains a redox-active disulfide/dithiol group within the conserved Cys-Gly-Pro-Cys active site.

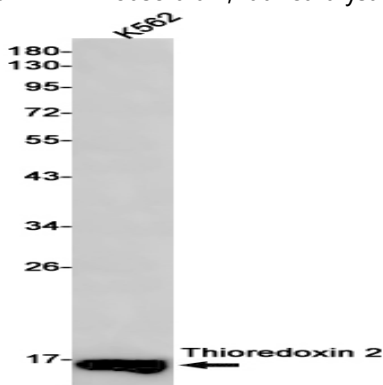
Research Area

Signal Transduction

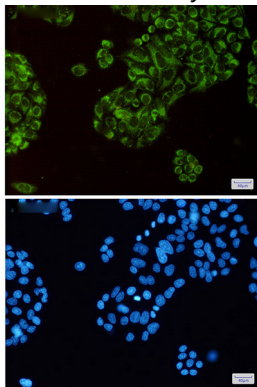
Image Data



Western blot analysis of Thioredoxin 2 in mouse brain, rat heart lysates using Thioredoxin 2 antibody.



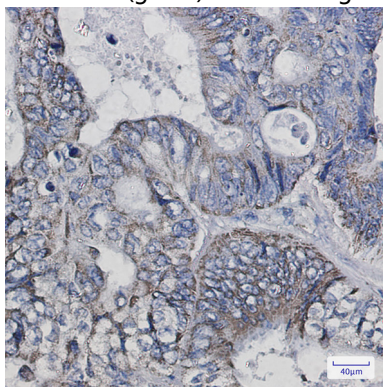
Western blot analysis of Thioredoxin 2 in K562 lysates using Thioredoxin 2 antibody.



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Immunocytochemistry analysis of Thioredoxin 2(green) in Hela using Thioredoxin 2 antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Thioredoxin 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.