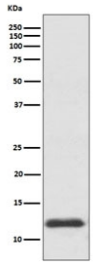
Thioredoxin Antibody / TRX / TXN [clone AOGC-20] (RQ5328)

Catalog No.	Formulation	Size
RQ5328	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AOGC-20
Purity	Affinity purified
UniProt	P10599
Applications	Western blot: 1:500-1:2000
Limitations	This Thioredoxin antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with Thioredoxin antibody. Predicted molecular weight ~12 kDa.

Description

The protein encoded by the TXN gene acts as a homodimer and is involved in many redox reactions. The encoded protein is active in the reversible S-nitrosylation of cysteines in certain proteins, which is part of the response to intracellular nitric oxide. This protein is found in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene. [RefSeq]

Application Notes

Optimal dilution of the Thioredoxin antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human TRX / Thioredoxin was used as the immunogen for the Thioredoxin antibody.

Storage

Store the Thioredoxin antibody at -20oC.

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