

ARG56339 anti-TXN2 / Thioredoxin 2 antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TXN2 / Thioredoxin 2
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TXN2 / Thioredoxin 2
Species	Human
Immunogen	Recombinant protein of Human TXN2 / Thioredoxin-2
Conjugation	Un-conjugated
Alternate Names	TRX2; MT-TRX; Mt-Trx; Thioredoxin-2; Thioredoxin, mitochondrial; MTRX

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 25828 Human](#)
[GeneID: 56551 Mouse](#)
[Swiss-port # P97493 Mouse](#)
[Swiss-port # Q99757 Human](#)

Gene Symbol TXN2

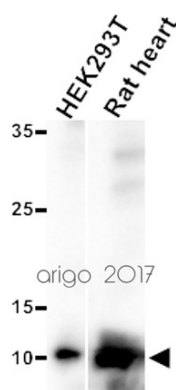
Gene Full Name thioredoxin 2

Background This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. [provided by RefSeq, Jul 2008]

Function Has an anti-apoptotic function and plays an important role in the regulation of mitochondrial membrane potential. Could be involved in the resistance to anti-tumor agents. Possesses a dithiol-reducing activity. [UniProt]

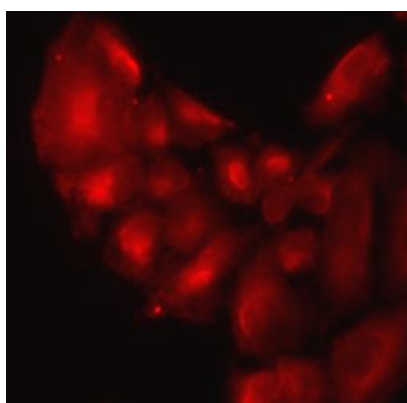
Calculated Mw 18 kDa

Images



ARG56339 anti-TXN2 / Thioredoxin 2 antibody WB image

Western blot: 20 µg of HEK293T and Rat heart lysates stained with ARG56339 anti-TXN2 / Thioredoxin 2 antibody at 1:1000 dilution.



ARG56339 anti-TXN2 / Thioredoxin 2 antibody ICC/IF image

Immunofluorescence: U2OS cells stained with ARG56339 anti-TXN2 / Thioredoxin 2 antibody.