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Anti-Thioredoxin 2 Antibody

Catalog # AP61407

Product Information

Application	WB
Primary Accession	Q99757
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18383

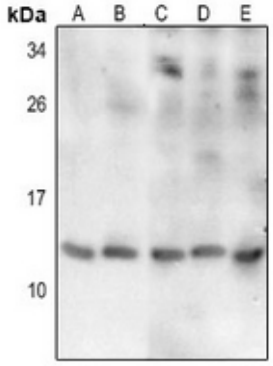
Additional Information

Gene ID	25828
Other Names	TRX2; Thioredoxin mitochondrial; MTRX; Mt-Trx; Thioredoxin-2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Thioredoxin 2. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	TXN2
Synonyms	TRX2
Function	Important for the control of mitochondrial reactive oxygen species homeostasis, apoptosis regulation and cell viability (PubMed:12032145, PubMed:12080052, PubMed:26626369) Is involved in various redox reactions including the reduction of protein disulfide bonds, through the reversible oxidation of its active center dithiol to a disulfide (By similarity).
Cellular Location	Mitochondrion
Tissue Location	Widely expressed in adult (at protein level) and fetal tissues.

Images



Western blot analysis of Thioredoxin 2 expression in HEK293T (A), Hela (B), mouse liver (C), rat lung (D), rat liver (E) whole cell lysates. (Predicted band size: 18 kD; Observed band size: 12 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.