

# Anti-Thioredoxin 2 Antibody

Rabbit polyclonal antibody to Thioredoxin 2  
Catalog # AP61407

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q99757</a>
<b>Other Accession</b>	<a href="#">P97493</a>
<b>Reactivity</b>	Human, Mouse, Rat, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	18383

## Additional Information

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<b>Gene ID</b>	25828
<b>Other Names</b>	TRX2; Thioredoxin mitochondrial; MTRX; Mt-Trx; Thioredoxin-2
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Thioredoxin 2. The exact sequence is proprietary.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000)
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C. Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	TXN2
<b>Synonyms</b>	TRX2
<b>Function</b>	Important for the control of mitochondrial reactive oxygen species homeostasis, apoptosis regulation and cell viability (PubMed: <a href="#">12032145</a> , PubMed: <a href="#">12080052</a> , PubMed: <a href="#">26626369</a> ) 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).
<b>Cellular Location</b>	Mitochondrion
<b>Tissue Location</b>	Widely expressed in adult (at protein level) and fetal tissues.

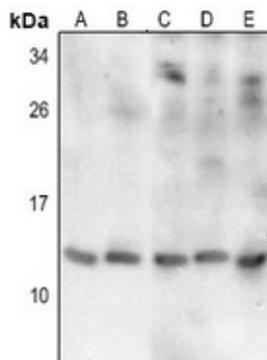
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Thioredoxin 2. The exact sequence is proprietary.

## Images

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Western blot analysis of Thioredoxin 2 expression in HEK293T (A), HeLa (B), mouse liver (C), rat lung (D), rat liver (E) whole cell lysates.

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