

## Thioredoxin Rabbit mAb (AR1730)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	12kDa (Calculated) 12kDa (Observed)

### Recommended Dilution Ratios

IHC:	1:500-2000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

Gene name	TXN TRDX TRX TRX1
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Protein Name	Thioredoxin
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Organism	Gene ID	UniProt ID
Human	7295	P10599
Mouse	22166	P10639

Cellular Localization
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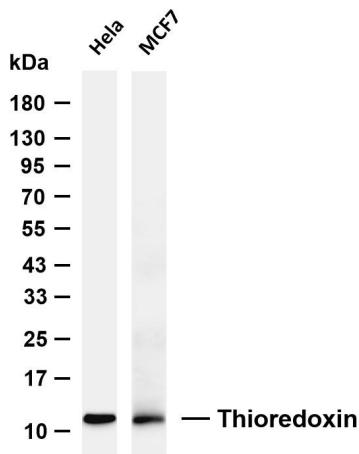
Nucleus. Cytoplasm. Secreted. Translocates from the cytoplasm into the nucleus after phorbol 12-myristate 13-acetate induction (PMA) (PubMed:9108029). Predominantly in the cytoplasm in non-irradiated cells (PubMed:11118054). Radiation induces translocation of TRX from the cytoplasm to the nucleus (PubMed:11118054). Secreted by a leaderless secretory pathway

(PubMed:1332947). .

Tissue specificity

Brain, Cajal-Retzius cell, Cerebellum, Cervix, Epithelium, Fetal brain cortex, Hepatocyte

## Validation Data



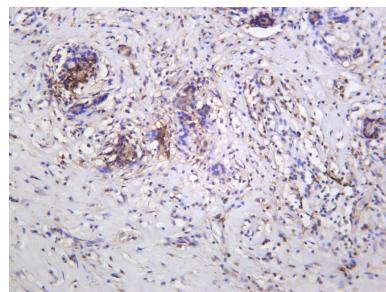
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Thioredoxin antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: HeLa

Lane 2: MCF7

Predicted band size: 12kDa

Observed band size: 12kDa



Thyroid carcinoma was stained with anti-Thioredoxin Rabbit antibody.

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