



Rabbit Anti-Human Thioredoxin 1 monoclonal antibody, clone I.864.9 (CABT-L1649)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Target | TXNIP |
| Immunogen | Synthetic peptide corresponding to residues surrounding Ala9 of human thioredoxin 1 |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Mouse, Rat |
| Clone | I.864.9 |
| Purification | Affinity Purified |
| Conjugate | Unconjugated |
| Applications | IHC-P, WB |
| Format | Liquid |
| Buffer | 0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol |
| Preservative | See individual product datasheet |
| Storage | -20°C |

BACKGROUND

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| Introduction | Thioredoxin is a 12-kD oxidoreductase enzyme containing a dithiol-disulfide active site. It is ubiquitous and found in many organisms from plants and bacteria to mammals. Multiple in vitro |
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substrates for thioredoxin have been identified, including ribonuclease, choriogonadotropins, coagulation factors, glucocorticoid receptor, and insulin. Reduction of insulin is classically used as an activity test.

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| Keywords | TXNIP;thioredoxin interacting protein;THIF;VDUP1;HHC78;EST01027;thioredoxin-interacting protein;thioredoxin binding protein 2;thioredoxin-binding protein 2;vitamin D3 up-regulated protein 1;upregulated by 1,25-dihydroxyvitamin D-3 |
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GENE INFORMATION

Entrez Gene ID [10628](#)

UniProt ID [Q9H3M7](#)