

## Anti-TXN antibody (26-105) [S4MR] (STJ11101984) STJ11101984

## **GENERAL INFORMATION**

Product Type Primary antibodies Short Description Applications WB/IHC-P/ELISA Host/Source Rabbit Reactivity Human/Mouse/Rat

## **PRODUCT PROPERTIES**

 Clonality
 Monoclonal

 Clonality
 S4MR

 Concentration
 Lot specific

 Concentration
 Inconjugated

 Purification
 Affinity purification

 Purification
 Minity purification

 Dilution Range
 WB:1:1000-1:6000

 IHC-P:1:2000-1:8000
 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.

 Formulation
 PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Giycerol, pH 7.3.

 Isotype
 IgG

 Storage Instruction
 Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

## **TARGET INFORMATION**

 Gene ID
 7295

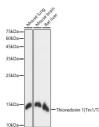
 Gene Symbol
 TXN

 Uniprot ID
 THIO\_HUMAN

 Immunogen
 26-105

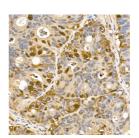
 Specificity
 A synthetic peptide corresponding to a sequence within amino acids 26-105 of human Thioredoxin 1 (Trx1/TXN) (P10599).

 Immunogen
 PSATWCGPCKMIKPFFHSL SEKYSNVIFLEVDVDDCQDV ASECEVKCMPTFQFFKKGQK VGEFSGANKEKLEATINELV

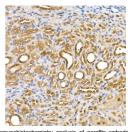


stem blot analysis of various lysates, using lioredoxin 1 (Trx1/TXN) rabbit monoclonal antibody 1111101984) at 1:1000 dilution. Secondary antibody RP Goat Anti-rabbit IgG (H+L) (STJS000856) at 10000 dilution. Lysates/proteins: 25 Mug per lane. ocking buffer: 3% non-fat dry milk in TBST. Detection: 1. Barls Kir Evnoeuve time: 16 <u>ike<sup>0</sup> ko<sup>0</sup>u</u>C<sup>1</sup> ko<sup>0</sup> 75kDa 45kDa 25kDa 15kDa 15kDa - Thioredoxi

Western blot analysis of various lysates, using Thioredoxin 1 (Trx1/TXN) rabbit monoclonal antibody (STJ11101984) at 1:1000 dilution. Secondary antibody HRP Goat Anti-rabbit IgG (H+L) (STJS00856) at 1:10000 dilution. Lysates/porteins: 25 Mug per Iane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECI Resic kit Evyoeurse times: 10e.



mmunohistochemistry analysis of paraffin-embeddee uman colon carcinoma using Thioredoxin 1 (Trx1/TXN abbit monoclonal antibody (STJ11101984) at dilution o 1:00 (40x lens). Perform microwave antigen retrieva with 10 mM PBS buffer pH 7, 2 before commencing



Infunction stochemistry analysis on paralitine-embeddeed ouse kidney using Thioredoxin 1 (Trx1/TXN) rabbit onoclonal antibody (STJ11101984) at dilution of 1:100 Xo lens). Perform microwave antigen retrieval with 10 M PBS buffer pH 7. 2 before commencing with munohistochemistry stationa nontocol

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes. St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081