

Anti-TXNRD2 antibody (100-310) (STJ27443)

STJ27443

GENERAL INFORMATION

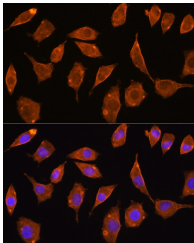
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

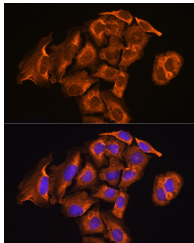
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:2000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

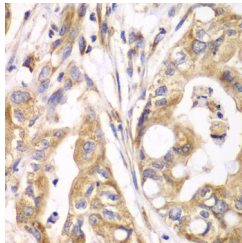
Gene ID	10587
Gene Symbol	TXNRD2
Uniprot ID	TRXR2_HUMAN
Immunogen	
Immunogen Region	100-310
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 100-310 of human Thioredoxin reductase 2 (Thioredoxin reductase 2 (TXNRD2)) (NP_006431.2).
Immunogen Sequence	AALLGGLIQDAPNYGWEVAQ PVPHDWRKMAEAVQNHVKSL NWGHRVQLQDRKVYFNIKA SFVDEHTVCGVAKGGKEILL SADHIIATGGPRPYPTHE GALEYGITSDDIFWLKESPG KTLVVGASYVALECAGFLTG IGLDTTIMMRSIPLRGFDQQ MSSMVEIHMASHGTRFLRC APSRVRRPLDGQLQVTWEDS TTGKEDTGTFD



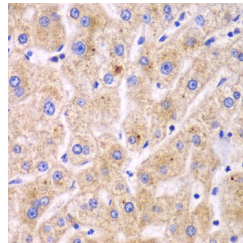
Immunofluorescence analysis of L929 cells using Thioredoxin reductase 2 (TXNRD2) antibody (STJ27443) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using Thioredoxin reductase 2 (TXNRD2) antibody (STJ27443) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using Thioredoxin reductase 2 (Thioredoxin reductase 2 (TXNRD2)) antibody (STJ27443) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver damage using Thioredoxin reductase 2 (Thioredoxin reductase 2 (TXNRD2)) antibody (STJ27443) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.

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.
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