

Anti-TXNL1 antibody (1-289) (STJ11104492)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

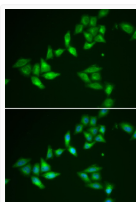
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 32kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

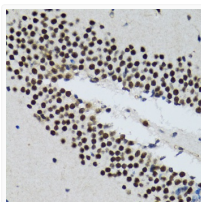
Gene ID	9352
Gene Symbol	TXNL1
UniProt ID	TXNL1_HUMAN
Immunogen Region	1-289
Immunogen Sequence	MVGVKPVGSDPDFQPELSGA GSRLAVVKFTMRGCGPCLRI APAFSSMSNKYPQAVFLEVD VHQCQGTAAATNNISATPTFL FFRNKVRIDQYQGADAVGLE EKIKQHLENDPGSNEDTDIP KGYMDLMPFINKAGCECLNE SDEHGFDNCLRKDTTFLESD CDEQLITVAFNQPVKLYSM KFQGPDPNGQGPKYVKIFINL PRSMDFEEAERSEPTQALEL TEDDIKEDGIVPLRYVKFQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-289 of human TXNL1 (NP_004777.1).

ADDITIONAL INFORMATION

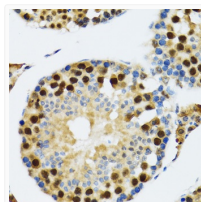
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



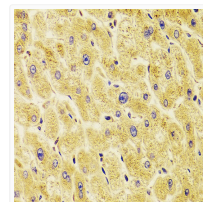
Immunofluorescence analysis of U2OS cells using TXNL1 antibody (STJ11104492). Blue: DAPI for nuclear staining.



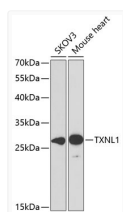
Immunohistochemistry analysis of paraffin-embedded rat brain using TXNL1 antibody (STJ11104492) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat testis using TXNL1 antibody (STJ11104492) 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 TXNL1 antibody (STJ11104492) 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.



Western blot analysis of extracts of various cell lines, using TXNL1 antibody (STJ11104492) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.