Anti-EndoPDI/TXNDC5 antibody (C-Term) (STJ70588)

STJ70588

GENERAL INFORMATION

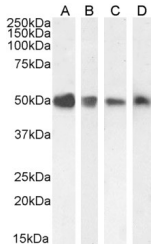
Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-EndoPDI/TXNDC5 (C-Term) is suitable for use in ELISA, Western Blot, Immunohistochemistry, Immunofluorescence and Flow Cytometry research applications.
Applications Pep-ELISA/WB/IHC/IF/FC
Host/Source Goat
Reactivity Human

PRODUCT PROPERTIES

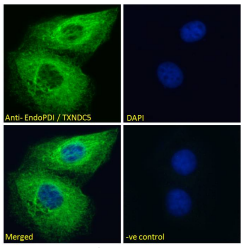
Clonality Polyclonal
Clone ID
Concentration 0.5 mg/mL
Conjugation Unconjugated
Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range Peptide ELISA: antibody detection limit dilution 1:64000.
WB: Approx 50kDa band observed in lysates of cell lines HEK293, A549, HeLa and HepG2 (calculated MW of 47.6kDa according to NP_110437.2). This molecular weight is routinely observed by oth
Formulation 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype IgG
Storage Instruction Store at-20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

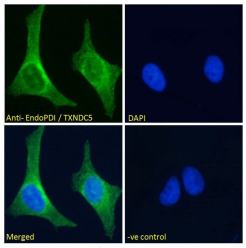
Gene ID 81567
Gene Symbol TXNDC5
Uniprot ID TXND5_HUMAN
Immunogen
Immunogen Region C-Term
Specificity This antibody is expected to be able to recognise both reported human isoforms, as represented by NP_110437.2; NP_001139021.1.
Immunogen Sequence SLHRFVLSQAKDEL



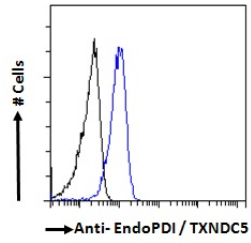
STJ70588 staining (0. 1Âµg/ml) of HEK293 (A) , A549 (B) , HeLa (C) and (0. 01ug/ml) of HepG2 (D) cell lysate (35Âµg protein in RIPA buffer). Detected by chemiluminescence.



STJ70588 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70588 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing endoplasmic reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70588 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

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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