Anti-HSPA5/GRP78 antibody (118-131) (STJ73249)

STJ73249

GENERAL INFORMATION

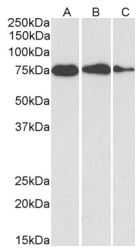
Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-HSPA5/GRP78 (118-131) is suitable for use in ELISA, Immunofluorescence and Western Blot research applications.
Applications Pep-ELISA/IF/WB
Host/Source Goat
Reactivity Human

PRODUCT PROPERTIES

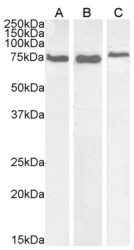
Clonality Polyclonal
Clone ID
Concentration 0.5 mg/mL
Conjugation Unconjugated
Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range Peptide ELISA: antibody detection limit dilution 1:128000.
WB: Approx 75kDa band observed in lysates of cell lines HepG2, HeLa and MCF7, and in Mouse Liver and Testis lysates, and approx. 80kDa band in Rat Brain lysates (calculated MW of 72.3kDa
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

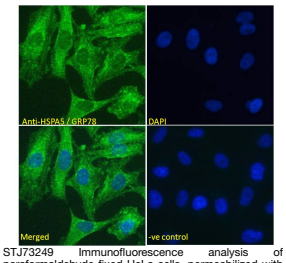
Gene ID 3309
Gene Symbol HSPA5
Uniprot ID BIP_HUMAN
Immunogen
Immunogen Region 118-131
Specificity
Immunogen Sequence KVVEKKTKPYIQVD



STJ73249 (0. 1Âµg/ml) staining of HepG2 (A) , HeLa (B) and MCF7 (C) cell lysate (35Âµg protein in RIPA buffer). Detected by chemiluminescence.



STJ73249 (0. 01Âµg/ml) staining of Mouse Liver (A) and Testes (B) and Rat Brain (C) lysate (35Âµg protein in RIPA buffer). Detected by chemiluminescence.



STJ73249 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

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