

Anti-HSPA5/GRP78 antibody (Internal) (STJ73250)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC/IF
Host / Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

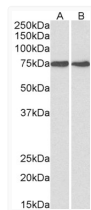
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:16000. WB: Approx 75kDa band observed in lysates of cell lines HepG2 and MCF7 and in Mouse Liver lysates, and approx. 80kDa band in Mouse Testis and Rat Brain lysates (calculated MW of 72.3kDa ac)
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

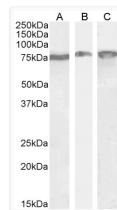
Gene ID	3309
Gene Symbol	HSPA5
UniProt ID	BIP_HUMAN
Immunogen Region	Internal
Immunogen Sequence	ESHQDADIEDFK

ADDITIONAL INFORMATION

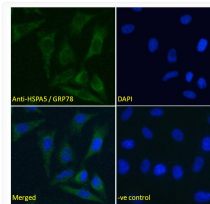
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



STJ73250 (1µg/ml) staining of HepG2 (A) and MCF7 (B) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ73250 (0.3µg/ml) staining of Mouse Liver (A) and Testes (B) and (0.5µg/ml) Rat Brain (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ73250 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (5µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (5µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).