

Anti-PCK2/PEPCK-M antibody (Internal) (STJ70781)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IF/FC
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Pig/Cow

PRODUCT PROPERTIES

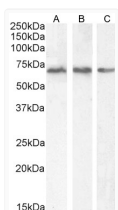
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:4000. WB: Approx 70kDa band observed in lysates of cell lines A431, HEK293 HepG2 and NIH3T3 (calculated MW of 70.7kDa according to Human NP_004554.3 and 70.5kDa according to Mouse NP_083270.2). R
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	5106
Gene Symbol	PCK2
UniProt ID	PCKGM_HUMAN
Immunogen Region	Internal
Immunogen Sequence	KPWKPGDKPECAH
Specificity	No cross-reactivity with PCK1.

ADDITIONAL INFORMATION

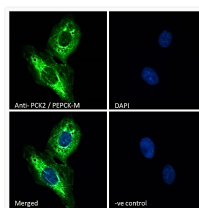
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



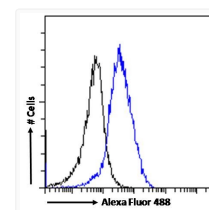
STJ70781 (2µg/ml) staining of A431 (A), HEK293 (B) and (1µg/ml) HepG2 (C) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70781 (2µg/ml) staining of NIH3T3 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70781 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ70781 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.