Anti-Argininosuccinate synthetase 1 antibody (Internal) (STJ71128)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

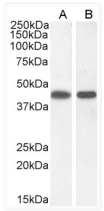
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx 45kDa band observed in lysates of cell lines A431 and NIH3T3 and approx.48kDa in Human and Rat Kidney and in Mouse Liver lysates (calculated MW of 46.5kDa according to Human NP_
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

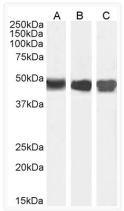
Gene ID	445
Gene Symbol	ASS1
UniProt ID	ASSY_HUMAN
Immunogen Region	Internal
Immunogen Sequence	ENPKNQAPPGLYTKTQD
Specificity	The variants represent identical protein (NP_000041.2 and NP_446464.1).

ADDITIONAL INFORMATION

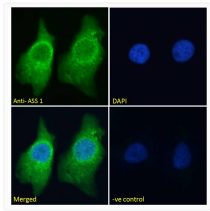
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



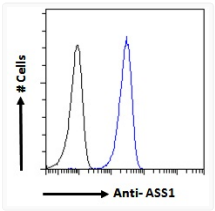
STJ71128 (0. 3µg/ml) staining of A431 (A) and (1ug/ml) NIH3T3 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71128 (0. 01µg/ml) staining of Human Kidney (A) Mouse Liver (B) and (0. 03ug/ml) Rat Kidney (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71128 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 cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ71128 Flow cytometric analysis of paraformaldehyde fixed A431 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.