Anti-DDAH1 antibody (C-Term) (STJ70103)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

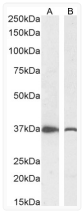
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:1000. WB: Approx 37kDa band observed in Human Cerebellum, Kidney and Testis lysates, and in lysates of cell lines HepG2 and LNCaP (calculated MW of 31.1kDa according to NP_036269.1). This molecul
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

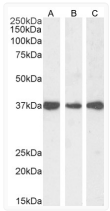
Gene ID	23576
Gene Symbol	DDAH1
UniProt ID	DDAH1_HUMAN
Immunogen Region	C-Term
Immunogen Sequence	TCCSVLINKKVDS
Specificity	This antibody is expected to recognize both reported isoforms (NP_036269.1and NP_001127917.1).

ADDITIONAL INFORMATION

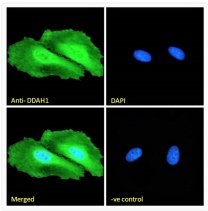
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



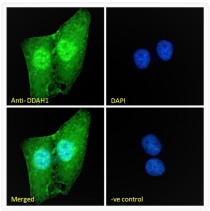
STJ70103 (0. 3µg/ml) staining of HepG2 (A) and LNCaP (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



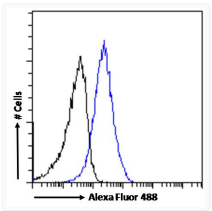
STJ70103 (0. 3µg/ml) staining of Human Cerebellum (A) , Kidney (B) and Testes (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70103 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, nuclear and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70103 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 nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ70103 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.