

## Anti-ACHE antibody (C-Term) (STJ70663)

STJ70663

### GENERAL INFORMATION

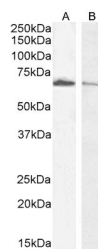
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-ACHE (C-Term) is suitable for use in ELISA, Flow Cytometry, Immunofluorescence and Immunohistochemistry research applications.
<b>Applications</b>	Pep-ELISA, FC, IF, IHC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human, Rat, Mouse

### PRODUCT PROPERTIES

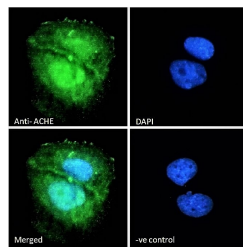
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	WB-0.3-1µg/ml IF-Strong expression of the protein seen in the cytoplasm and nucleus of U2OS cells. 10µg/ml ELISA-antibody detection limit dilution 1:64000.
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20 on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

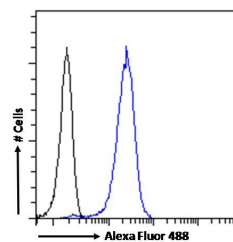
<b>Gene ID</b>	43
<b>Gene Symbol</b>	ACHE
<b>Uniprot ID</b>	ACES_HUMAN
<b>Immunogen</b>	C-Term
<b>Region</b>	
<b>Specificity</b>	This antibody is expected to recognise isoform NP_000656.1 only (the ubiquitously expressed, hydrophilic form).
<b>Immunogen Sequence</b>	QFDHYSKQDRCSDL



STJ70663 (0.3µg/ml) staining of Jurkat (A) and (0.5µg/ml) HepG2 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70663 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 nuclear, membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ70663 Flow cytometric analysis of paraformaldehyde fixed HeLa 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.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081