

## Anti-Proopiomelanocortin/POMC antibody (C-Term) (STJ70690)

STJ70690

### GENERAL INFORMATION

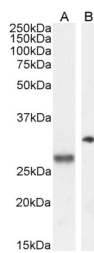
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Proopiomelanocortin/POMC (C-Term) is suitable for use in ELISA and Western Blot research applications.
<b>Applications</b>	Pep-ELISA, WB
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

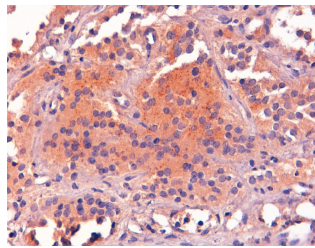
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	WB-0.3-2µg/ml IHC-2-4µg/ml FC-Flow cytometric analysis of A431 cells. 10ug/ml ELISA-antibody detection limit dilution 1:128000.
<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

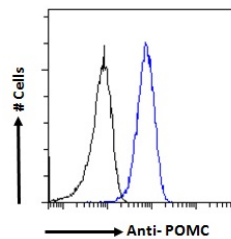
<b>Gene ID</b>	5443
<b>Gene Symbol</b>	POMC
<b>Uniprot ID</b>	COLL_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	
<b>Immunogen Sequence</b>	NAIIKNAYKKGE



STJ70690 (0.3µg/ml) staining of NIH3T3 cell lysate (A) and (2µg/ml) Rat Brain (B) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ70690 (2µg/ml) staining of paraffin embedded Human Pituitary Gland. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



STJ70690 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 (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.  
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