

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

STJ70690

GENERAL INFORMATION

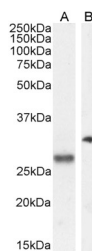
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-Proopiomelanocortin/POMC (C-Term) is suitable for use in ELISA, Immunohistochemistry and Flow Cytometry research applications.
Applications	Pep-ELISA/IHC/FC
Host/Source	Goat
Reactivity	Human

PRODUCT PROPERTIES

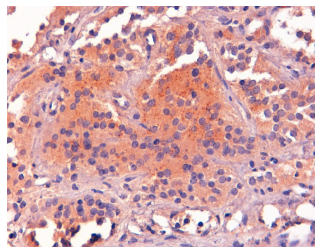
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Preliminary testing showed a band at approx 30kDa in A431 cell lysate after 1µg/ml antibody staining (calculated MW of 29.4kDa according to NP_000930.1). Primary incubation 1 hour at
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage	Store at -20°C on receipt and minimise freeze-thaw cycles.
Instruction	

TARGET INFORMATION

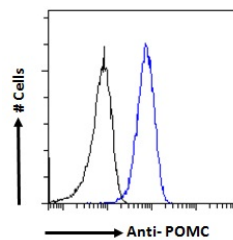
Gene ID	5443
Gene Symbol	POMC
Uniprot ID	COLI_HUMAN
Immunogen	
Immunogen Region	C-Term
Specificity	
Immunogen Sequence	NAIIKNAYKKGE



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



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



STJ70690 Flow cytometric analysis of parafomaldehyde 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.

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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