

## Anti-Proenkephalin antibody (Internal) (STJ71379)

STJ71379

### GENERAL INFORMATION

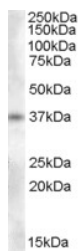
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Proenkephalin (Internal) is suitable for use in ELISA, Western Blot and Immunohistochemistry research applications.
<b>Applications</b>	Pep-ELISA/WB/IHC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

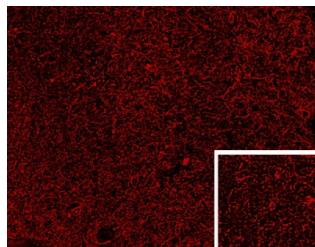
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 37kDa band observed in Human Adrenal Gland lysates (calculated MW of 30.8kDa according to NP_006202.1). The observed molecular weight corresponds to earlier findings in literature
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	5179
<b>Gene Symbol</b>	PENK
<b>Uniprot ID</b>	PENK_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	
<b>Immunogen Sequence</b>	RSHHQDGSNDNEE



STJ71379 (0.3 µg/ml) staining of Human Adrenal Gland lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



STJ71379 (0.3 µg/ml) staining of PFA-perfused cryosection of Human Hypothalamus. Antigen retrieval with citrate buffer pH 6 at 80°C for 30min, Cy3-staining. Data obtained by Prof. Erik Hrabovszky, Inst. Exp. Med., Budapest, Hungary.

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