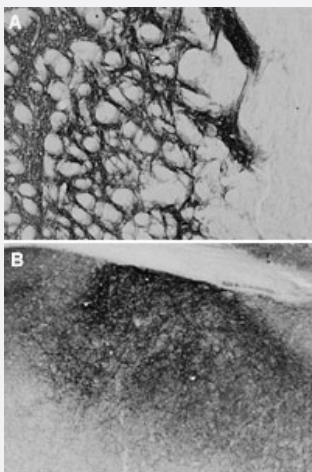


Penk polyclonal antibody

Catalog # PAB11572 Size 100 ug

Applications



Immunohistochemistry (Frozen sections)

Penk polyclonal antibody (Cat # PAB11572) (0.02 ug/mL) staining of PFA-perfused cryosection of rat striatum (A) and mouse stria terminalis (B). HRP-staining with Ni-DAB after Biotin-SP-anti-goat amplification.
Data obtained by Prof. Erik Hrabovszky, Inst, Exp, Med., Budapest, Hungary.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of Penk.

Immunogen A synthetic peptide corresponding to internal region of mouse Penk.

Sequence C-YKDSSKQDESH

Host Goat

Theoretical MW (kDa) 30.8

Reactivity Mouse, Rat

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Recommend Usage	ELISA (1:32000) Immunohistochemistry (Frozen sections) (0.02-0.05 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Frozen sections)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — Penk1

Entrez GeneID	18619
Protein Accession#	NP_001002927.1
Gene Name	Penk1
Gene Alias	A1326464, ENK, PPA, Penk
Gene Description	preproenkephalin 1
Gene Ontology	Hyperlink
Other Designations	OTTMUSP000000004782 spermatogenic-specific proenkephalin

Publication Reference

- [Food-associated cues alter forebrain functional connectivity as assessed with immediate early gene and proenkephalin expression.](#)

Schiltz CA, Bremer QZ, Landry CF, Kelley AE.

BMC Biochemistry 2007 Apr; 5:16.