

PENK Polyclonal Antibody Catalog # AP74012

Specification

PENK Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P01210
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

PENK Polyclonal Antibody - Additional Information

Gene ID 5179

Other Names
PENK

Dilution
WB~~WB 1:500-2000, ELISA 1:10000-20000

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20°C

PENK Polyclonal Antibody - Protein Information

Name PENK ([HGNC:8831](#))

Function
[Met-enkephalin]: Neuropeptide that competes with and mimic the effects of opiate drugs. They play a role in a number of physiologic functions, including pain perception and responses to stress.

Cellular Location
Cytoplasmic vesicle, secretory vesicle, chromaffin granule lumen
{ECO:0000250|UniProtKB:P01211}. Secreted {ECO:0000250|UniProtKB:P01211}

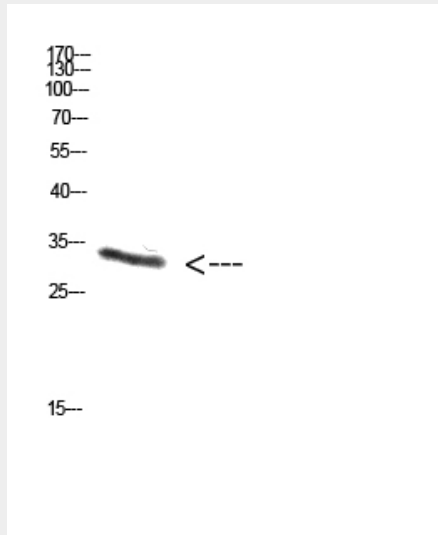
PENK Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

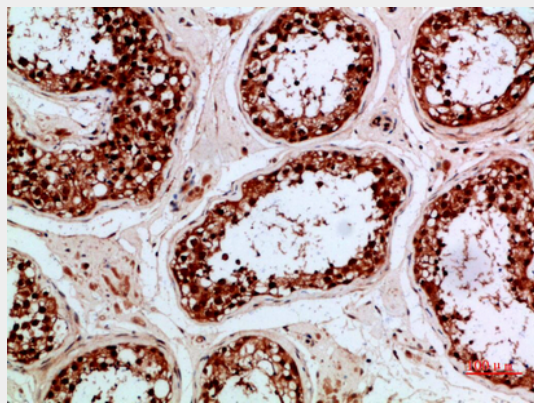
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

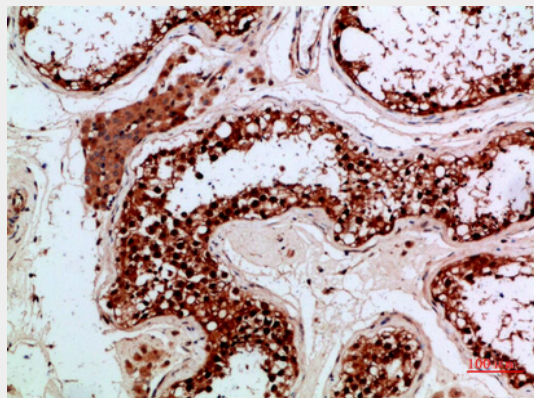
PENK Polyclonal Antibody - Images



Western Blot analysis of NT28 cells using Antibody diluted at 1000. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-testis, antibody was diluted at 1:200



Immunohistochemical analysis of paraffin-embedded human-testis, antibody was diluted at 1:200

PENK Polyclonal Antibody - Background

Met- and Leu-enkephalins compete with and mimic the effects of opiate drugs. They play a role in a number of physiologic functions, including pain perception and responses to stress. PENK(114-133) and PENK(237-258) increase glutamate release in the striatum. PENK(114-133) decreases GABA concentration in the striatum.