

PENK Polyclonal Antibody
Catalog # AP74012**Specification**

PENK Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P01210
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

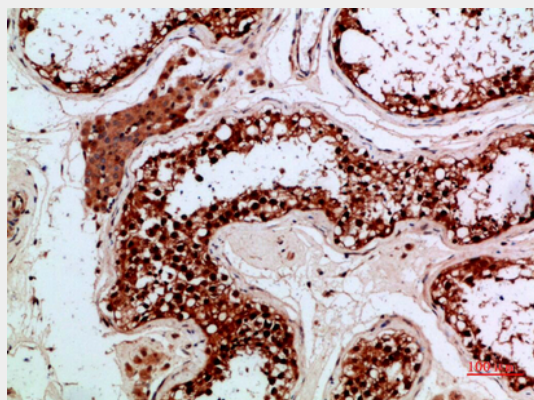
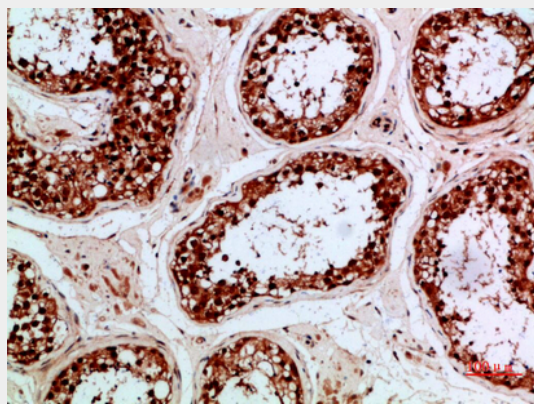
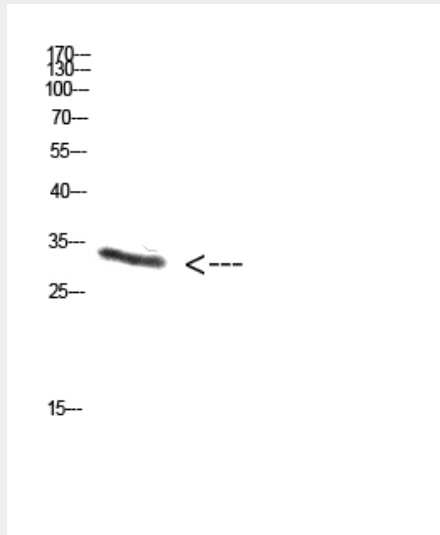
PENK Polyclonal Antibody - Additional Information**Gene ID** 5179**Other Names**
PENK**Dilution**
WB~~WB 1:500-2000, ELISA 1:10000-20000**Format**
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.**Storage Conditions**
-20°C**PENK Polyclonal Antibody - Protein Information****Name** 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



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.