

Datasheet for ABIN652070  
**anti-Enkephalin antibody (AA 145-174)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	400 µL
Target:	Enkephalin (PENK)
Binding Specificity:	AA 145-174
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Enkephalin antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This PENK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-174 amino acids from the Central region of human PENK.
Clone:	RB22901
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Enkephalin (PENK)
Alternative Name:	PENK ( <a href="#">PENK Products</a> )

## Target Details

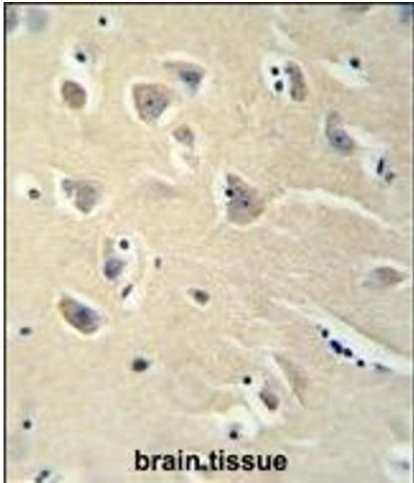
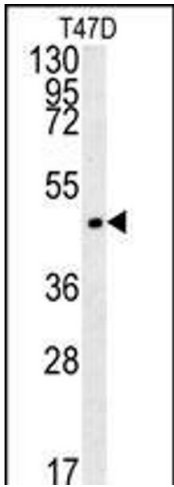
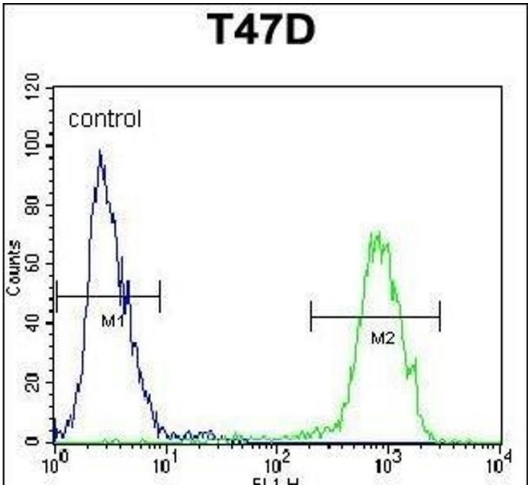
Molecular Weight:	30787
Gene ID:	5179
NCBI Accession:	<a href="#">NP_001129162</a> , <a href="#">NP_006202</a>
UniProt:	<a href="#">P01210</a>
Pathways:	<a href="#">Stem Cell Maintenance</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** PENK Antibody (Center) (ABIN652070 and ABIN2840535) flow cytometric analysis of T47D cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** PENK Antibody (Center) (ABIN652070 and ABIN2840535) western blot analysis in T47D cell line lysates (35 µg/lane). This demonstrates the PENK antibody detected the PENK protein (arrow).

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** PENK antibody (Center) (ABIN652070 and ABIN2840535) immunohistochemistry analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PENK antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.