

PDYN Rabbit Polyclonal Antibody



CAB5830

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

28kDa

Calculated MW:

28kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Protein Background

The protein encoded by this gene is a preproprotein that is proteolytically processed to form the secreted opioid peptides beta-neoendorphin, dynorphin, leu-enkephalin, rimorphin, and leumorphin. These peptides are ligands for the kappa-type of opioid receptor. Dynorphin is involved in modulating responses to several psychoactive substances, including cocaine. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene.

Immunogen information

Gene ID:

5173

Uniprot

P01213

Synonyms:

PDYN; ADCA; PENKB; SCA23

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

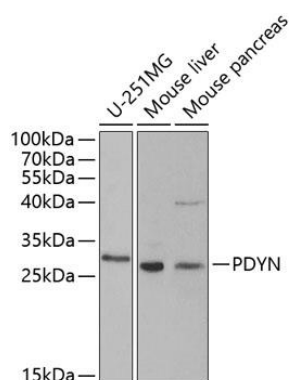
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 21-254 of human PDYN (NP_077722.1).

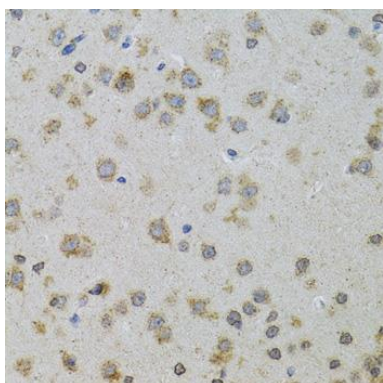
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

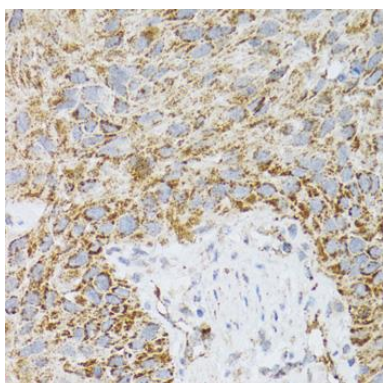
Product Images



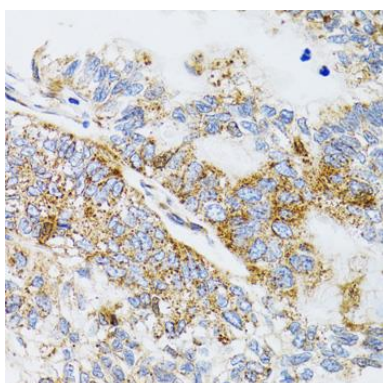
Western blot analysis of extracts of various cell lines, using PDYN antibody (CAB5830) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat brain using PDYN antibody (CAB5830) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using PDYN antibody (CAB5830) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using PDYN antibody (CAB5830) at dilution of 1:100 (40x lens).