

## PDYN

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**Reactivity:**Human

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:**28kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human PDYN

**Storage Buffer:**

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

**Synonym:**

ADCA; PENKB; SCA23;

**Catalog #:**A5830

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5173

**Isotype:**IgG

**Swiss Prot:**P01213

**Purity:**Affinity purification

For research use only.

**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.

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