PDYN polyclonal antibody

Catalog # PAB4981 Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PDYN.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 1-17 of human PDYN.
Sequence	CYGGFLRRIRPKLKWDNQ
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against synthetic peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should b e handled by trained staff only.

Applications

- Enzyme Immunoassay
- Immunoprecipitation

Gene Info — PDYN

Entrez GeneID	5173

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Gene Name	PDYN
Gene Alias	MGC26418, PENKB
Gene Description	prodynorphin
Omim ID	131340
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	OTTHUMP00000030002|beta-neoendorphin|beta-neoendorphin-dynorphin|dynorphin|leu-enkephalin|leumorphin|preprodynorphin|preproenkephalin B|rimorphin

Disease

- Alcoholism
- Alcohol-Related Disorders
- Amphetamine-Related Disorders
- Atherosclerosis
- Calcinosis
- Cocaine-Related Disorders
- Cognition
- Cognition Disorders
- Coronary Artery Disease
- Disease Models
- Epilepsy
- Genetic Predisposition to Disease
- Heroin Dependence
- Memory
- Memory Disorders

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- Mental Disorders
- Neuropsychological Tests
- Obesity
- Opioid-Related Disorders
- Ovarian Failure
- Polycystic Ovary Syndrome
- Psychoses
- Puberty
- Schizophrenia
- Substance-Related Disorders
- Thrombophilia
- Tobacco Use Disorder

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