

PDYN rabbit monoclonal antibody

Catalog # H00005173-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PDYN peptide using ARM Technology.
Immunogen	A synthetic peptide of human PDYN is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PDYN peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PDYN

Entrez GeneID	5173
GeneBank Accession#	PDYN
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

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