

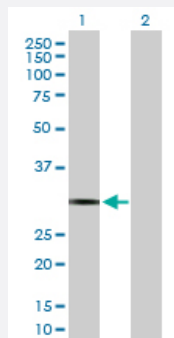
MaxPab®

PDYN purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005173-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PDYN expression in transfected 293T cell line ([H00005173-T02](#)) by PDYN MaxPab polyclonal antibody.

Lane 1: PDYN transfected lysate(28.40 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PDYN protein.

Immunogen

PDYN (NP_077722.1, 1 a.a. ~ 254 a.a) full-length human protein.

Sequence

MAWQGLVLAACLLMFPSTTADCLSRCSLCAVKTQDGPKPINPLICSLQCQAALLPSEEWERCQS
FLSFFTPSTLGLNDKEDLGSKSVGEGPYSELAKLSGSFLKELEKSKFLPSISTKENTLSKSLEEKL
RGLSDGFREGAESELMRDAQLNDGAMETGTLAEEEDPKEQVKRYGGFLRKYPKRSSEVAGEG
DGDSMGHEDLYKRYGGFLRRIRPKLKWDNQKRYGGFLRRQFKVVTRSQEDPNAYSGELFDA

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — PDYN

Entrez GeneID	5173
GeneBank Accession#	NM_024411
Protein Accession#	NP_077722.1
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

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- [Alcohol-Related Disorders](#)
- [Amphetamine-Related Disorders](#)

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