

Rabbit PDYN Polyclonal Antibody | anti-PDYN antibody

PDYN antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200720	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot

PRODUCT SYNONYMS

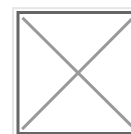
PDYN; Polyclonal Antibody; PDYN antibody - middle region; anti-PDYN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SE LMRDAQLNDG AMETGTLYLA EEDPKEQVKR YGGFLRKYPK RSSEVAGE
Sequence Length	254
Applicable Applications for anti-PDYN antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PDYN
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-PDYN Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Hela cell lysate

WB (Western Blot)

Host: Rabbit
Target Name: PDYN
Sample Tissue: Human Lung Tumor
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PDYN antibody

This is a rabbit polyclonal antibody against PDYN. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: 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.

Product Categories/Family for anti-PDYN antibody	Polyclonal; Neuroscience; Various
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13270473
NCBI GeneID	5173
NCBI Accession #	NP_077722
NCBI GenBank Nucleotide #	NM_024411
UniProt Accession #	P01213
Molecular Weight	27kDa
NCBI Official Full Name	proenkephalin-B preproprotein
NCBI Official Synonym Full Names	prodynorphin
NCBI Official Symbol	PDYN
NCBI Official Synonym Symbols	ADCA; PENKB; SCA23
NCBI Protein Information	proenkephalin-B
UniProt Protein Name	Proenkephalin-B
UniProt Gene Name	PDYN
UniProt Synonym Gene Names	Big Dyn; Dyn-A17; Dynorphin A; Dyn-B
UniProt Entry Name	PDYN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdyn-antibody-western-blot-elisa/200720>