

Rabbit anti-Human PDYN/ProDynorphin Polyclonal Antibody | anti-PDYN antibody

PDYN/ProDynorphin Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG # AAA258657	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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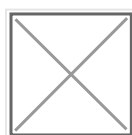
PRODUCT SYNONYMS

PDYN/ProDynorphin; Polyclonal Antibody; PDYN/ProDynorphin Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-ADCA Antibody; Anti-PENKB Antibody; Anti-SCA23 Antibody; anti-PDYN antibody

PRODUCT SPECIFICATIONS

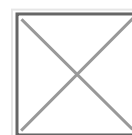
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human PDYN/ProDynorphin
Applicable Applications for anti-PDYN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation	Produced in rabbits immunized with E Coli-derived Human PDYN/ProDynorphin fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human PDYN in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-PDYN/ProDynorphin rabbit polyclonal antibody at 1:500 dilution; Lane A: Molt-4 Whole Cell Lysate; Lane B: Raji Whole Cell Lysate; Lysates/proteins at 30 ug per lane.; Secondary; Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.; Developed using the ECL technique.; Performed under reducing conditions.; Predicted band size:28 kDa; Observed band size:33 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PDYN antibody	Dynorphin peptides, derived from the prodynorphin (PDYN) precursor, bind to opioid receptors, preferentially the kappa-opioid receptor (KOR), and may mediate the aversive effects of drugs of abuse. Dynorphin peptides produce place aversion in animals and produce dysphoria in humans. DYNs mediate alcohol-induced impairment of learning and memory, while KOR antagonists block excessive, compulsive-like drug and alcohol self-administration in animal models. Cocaine and heroin have both been shown to increase the expression of PDYN in brain regions relevant for drug reward and use. Polymorphisms in PDYN are therefore hypothesized to increase the risk for addiction to drugs of abuse. Within the core promoter region of PDYN, a 68-bp sequence was found to occur as a polymorphism element, either singular or as tandemly repeated two, three, or four times.
Product Categories/Family for anti-PDYN antibody	Neuroscience

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-prodynorphin-antibody-immunohistochemistry-western-blot-elisa/258657>