

Prodynorphin Polyclonal Antibody

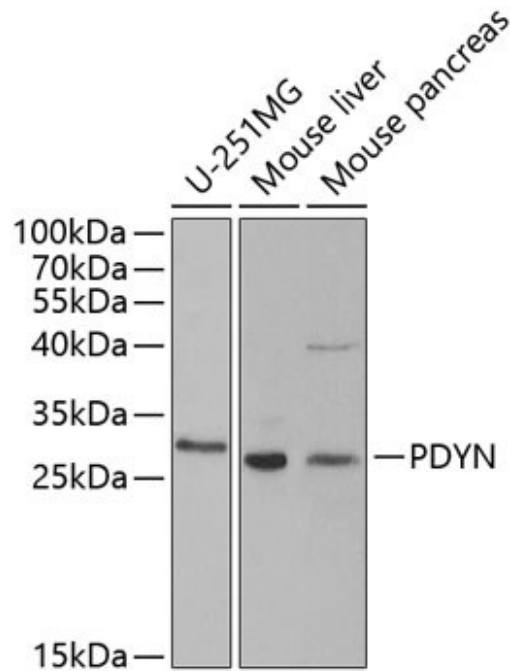
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 21-254 of human PDYN (NP_0777221)
Form	Liquid
Concentration	0.92 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2808241

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	1 Publication
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-

Product Specific Information

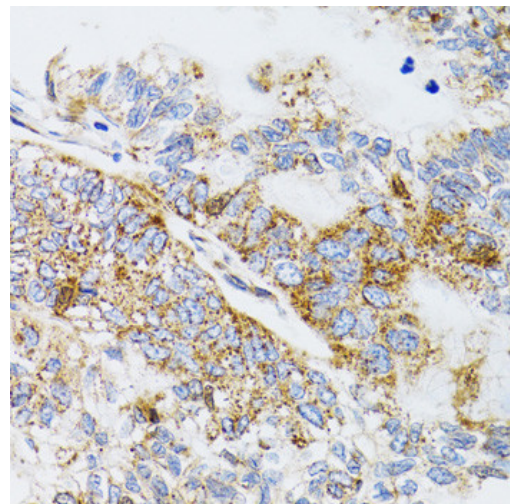
Immunogen sequence: DCLSRCSLCA VKTQDGPKPI NPLICSLQCQ AALLPSEWE RCQSFLSFFT PSTLGLNDKE
DLGSKSVGEG PYSELAKLSG SFLKELEKSK FLPSISTKEN TLSKSLEEKL RGLSDGFREG AESELMRDAQ LNDGAMETGT
LYLAEEDPKE QVKRYGGFLR KYPKRSSEVA GEGDGDSMGH EDLYKRYGGF LRRIRPKLKW DNQKRYGGFL
RRQFKVVTRS QEDPNAYSGE LFDA; Positive Samples: U-251MG, Mouse liver, Mouse pancreas

Product Images For Prodynorphin Polyclonal Antibody



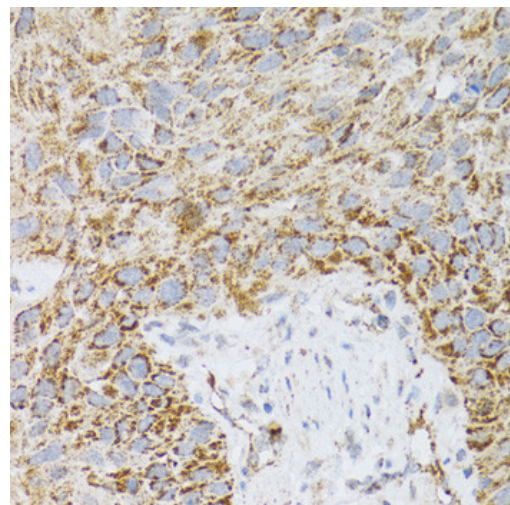
Prodynorphin Antibody (PA5-96439) in WB

Western blot analysis of Prodynorphin in extracts of various cell lines. Samples were incubated with Prodynorphin Polyclonal antibody (Product # PA5-96439) using a dilution of 1:1,000, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Prodynorphin Antibody (PA5-96439) in IHC (P)

Immunohistochemistry analysis of Prodynorphin in paraffin-embedded human gastric cancer. Samples were incubated with Prodynorphin Polyclonal antibody (Product # PA5-96439) using a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Prodynorphin Antibody (PA5-96439) in IHC (P)

Immunohistochemistry analysis of Prodynorphin in paraffin-embedded human lung cancer. Samples were incubated with Prodynorphin Polyclonal antibody (Product # PA5-96439) using a dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

[View more figures on thermofisher.com](https://www.thermofisher.com)

Western Blot (1)

NPJ Parkinson's disease Adjusting vascular permeability, leukocyte infiltration, and microglial cell activation to rescue dopaminergic neurons in rodent models of Parkinson's disease. "Published figure using Prodynorphin polyclonal antibody (Product # PA5-96439) in Western Blot" Authors: Cai HY,Fu XX,Jiang H,Han S	Year 2021 Species Mouse Rat
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Immunohistochemistry (2)

Cell reports Optogenetic activation of striatal D1R and D2R cells differentially engages downstream connected areas beyond the basal ganglia. "PA5-96439 was used in Immunohistochemistry to suggest a complex functional organization of striatal D1R/D2R cells and hint toward an interconnected fronto-BG-cerebellar network modulated by striatal D1R and D2R cells." Authors: Grimm C,Frässle S,Steger C,von Ziegler L,Sturman O,Shemesh N,Peleg-Raibstein D,Burdakov D,Bohacek J,Stephan KE,Razansky D,Wenderoth N,Zerbi V	Year 2021 Species Mouse Dilution 1:200
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NPJ Parkinson's disease Adjusting vascular permeability, leukocyte infiltration, and microglial cell activation to rescue dopaminergic neurons in rodent models of Parkinson's disease. "Published figure using Prodynorphin polyclonal antibody (Product # PA5-96439) in Western Blot" Authors: Cai HY,Fu XX,Jiang H,Han S	Year 2021 Species Mouse Rat
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