

Product datasheet for **SP1216**

ProDynorphin (PDYN) (1-13) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, R
Recommended Dilution:	Radioimmunoassays: 1/5000. Immunohistochemistry on frozen sections: 1/250 - 1/2500.
Reactivity:	Guinea Pig, Hamster, Human, Monkey, Porcine, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, YGGFLRRQFKVVT, corresponding to full-length porcine dynorphin B (1-13), conjugated to thyroglobulin.
Specificity:	This antibody recognizes Dynorphin B (1-13), a secreted peptide which mimics the effects of opiate drugs.
Formulation:	PBS containing 0.09% Sodium Azide and 1% Bovine Serum Albumin State: Serum State: Liquid serum
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Storage in frost free freezers is not recommended. Should this product contain a precipitate microcentrifugation before use is recommended.
Stability:	Shelf life: one year from despatch.
Gene Name:	prodynorphin
Database Link:	Entrez Gene 29190 Rat Entrez Gene 5173 Human P01213
Background:	Dynorphin is produced in many different parts of the brain, including the hypothalamus, the hippocampus and the spinal cord, and has many different physiological actions, depending upon its site of production. Dynorphin is involved in modulating responses to several psychoactive substances, including cocaine. As such, it may help some individuals against addiction. Blocking dynorphin may help alleviate depression.
Synonyms:	PDYN, DynorphinB, Dynorphin-B, DynB, Dyn-B



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Protein Families: Secreted Protein