


Product datasheet

Anti-Dynorphin B antibody ab11135

1 References

概述

产品名称	Anti-Dynorphin B抗体
描述	兔多克隆抗体to Dynorphin B
宿主	Rabbit
特异性	This antibody blocks specifically with Dynorphin B 1-13. Cells are found in the paraventricular hypothalamic and the supraoptic nucleus in rat brain of colchicine treated 4% FA perfused tissue. Fibers are found in the lateral hypothalamus of both colchicine and normal rat brain of 4% FA perfused tissue.
经测试应用	适用于: IHC-FoFr, IHC-Fr, RIA
种属反应性	与反应: Rat, Guinea pig, Hamster, Pig, Rhesus monkey 预测可用于: Mouse, Cow, Human, Xenopus laevis 
免疫原	Synthetic peptide: YGGFLRRQFKVVT , corresponding to amino acids 1-13 of Pig Dynorphin B. (Prodynorphin 228-240). Run BLAST with Run BLAST with
常规说明	This product should be stored undiluted. Storage in frost free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, Whole Serum, PBS
纯度	Whole antiserum
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab11135** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-FoFr		Use at an assay dependent concentration. PubMed: 20206610
IHC-Fr		1/250 - 1/2500.
RIA		1/5000.

靶标

功能	Leu-enkephalins compete with and mimic the effects of opiate drugs. They play a role in a number of physiologic functions, including pain perception and responses to stress. Dynorphin peptides differentially regulate the kappa opioid receptor. Dynorphin A(1-13) has a typical opiod activity, it is 700 times more potent than Leu-enkephalin. Leumorphin has a typical opiod activity and may have anti-apoptotic effect.
疾病相关	Defects in PDYN are the cause of spinocerebellar ataxia type 23 (SCA23) [MIM:610245]. Spinocerebellar ataxia is a clinically and genetically heterogeneous group of cerebellar disorders. Patients show progressive incoordination of gait and often poor coordination of hands, speech and eye movements, due to degeneration of the cerebellum with variable involvement of the brainstem and spinal cord. SCA23 is an adult-onset autosomal dominant form characterized by slowly progressive gait and limb ataxia, with variable additional features, including peripheral neuropathy and dysarthria.
序列相似性	Belongs to the opioid neuropeptide precursor family.
翻译后修饰	The N-terminal domain contains 6 conserved cysteines thought to be involved in disulfide bonding and/or processing.
细胞定位	Secreted.

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