

Product datasheet

Anti-Dynorphin B antibody ab11135

1 References

概述

|              |  |
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| <b>产品名称</b>  | Anti-Dynorphin B抗体   |
| <b>描述</b>    | 兔多克隆抗体to Dynorphin B   |
| <b>宿主</b>    | Rabbit   |
| <b>特异性</b>   | 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. |
| <b>经测试应用</b> | <b>适用于:</b> IHC-FoFr, IHC-Fr, RIA  |
| <b>种属反应性</b> | <b>与反应:</b> Rat, Guinea pig, Hamster, Pig, Rhesus monkey<br><b>预测可用于:</b> Mouse, Cow, Human, Xenopus laevis ▲  |
| <b>免疫原</b>   | Synthetic peptide:<br>YGGFLRRQFKVVT<br>, corresponding to amino acids 1-13 of Pig Dynorphin B. (Prodynorphin 228-240).<br><a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>  |
| <b>常规说明</b>  | 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

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|-------------|--|
| <b>形式</b>   | Liquid   |
| <b>存放说明</b> | 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. |
| <b>存储溶液</b> | Preservative: 0.09% Sodium azide<br>Constituents: PBS, Whole serum, 1% BSA   |
| <b>纯度</b>   | Whole antiserum  |
| <b>克隆</b>   | 多克隆  |
| <b>同种型</b>  | 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.<br>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.<br>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].<br>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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