

Product datasheet

Anti-CaMK2 beta gamma delta antibody ab79359

2 图像

概述

产品名称	Anti-CaMK2 beta gamma delta抗体
描述	兔多克隆抗体to CaMK2 beta gamma delta
宿主	Rabbit
特异性	Antibody detects endogenous levels of total CaMK2-beta/gamma/delta protein.
经测试应用	适用于: ELISA, WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthesized non-phosphopeptide derived from human CaMK2-beta/gamma/delta around the phosphorylation site of threonine 287 (Q-E-T ^P -V-E).
阳性对照	Human brain tissue and rat brain cell extract

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg ²⁺ and Ca ²⁺), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab79359** 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
ELISA		1/5000.

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 73 kDa.
IHC-P		1/50 - 1/100.

靶标

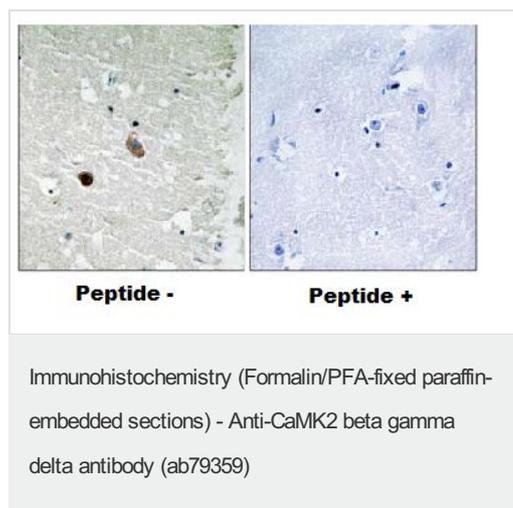
相关性

The product of this gene belongs to the serine/threonine protein kinase family and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells, the enzyme is composed of four different chains: alpha, beta, gamma, and delta. It is possible that distinct isoforms of this chain have different cellular localizations and interact differently with calmodulin. Eight transcript variants encoding eight distinct isoforms have been identified for this gene.

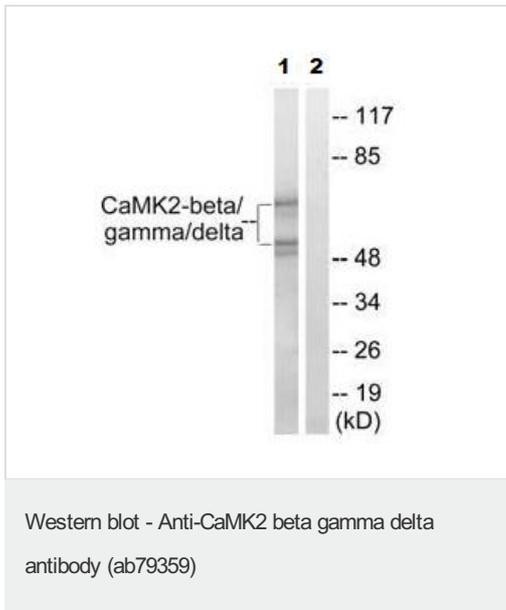
细胞定位

Cytoplasmic and Nuclear

图片



Immunohistochemistry analysis of paraffin-embedded human brain tissue using CaMK2-β/γ/δ (Ab-287) antibody at 1/50-1/100 dilution.



All lanes : Anti-CaMK2 beta gamma delta antibody (ab79359) at 1/500 dilution

Lane 1 : Rat brain cell extract

Lane 2 : Rat brain cell extract with immunising peptide at 10 µg

Lysates/proteins at 30 µg per lane.

Predicted band size: 73 kDa

Observed band size: ~73 kDa

Additional bands at: ~50 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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