

Recombinant Human Cannabinoid Receptor II protein ab114225

1 图像

描述

产品名称	重组人Cannabinoid Receptor II蛋白	
表达系统	Wheat germ	
Accession	<u>P34972</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列		MEECWTEIANGSKDGLDSNPMKDYMILSGPQKTAVAVLCTL LGLLSALE NVAVLYLILSSHQLRRKPSYLFIGSLAGADFLASVVFACSFV NFHVFHGV DSKAVFLLKIGSVTMTFTASVGSLLLLTAIDRYLCLRYPPSYK ALLTRGRA LVTLGIMWVLSALVSYLPLMGWTCPCPRPCSELPPLIPNDYLL SWLLFIAF LFSGIIYTYGHVLWKAHQHVASLSGHQDRQVPGMARMRLDVR LAKTLGLV LAVLLICWFPVLALMAHSLATTLSDQVKKAFACSMCLCLINS MVNPVIYA LRSGEIRSSAHHCLAHWKKCVRGLGSEAKEEAPRSSVTETEA DGKITPWP DSRDLDSLDC
预测分子量	66 kDa including tags	
氨基酸	1 to 360	

技术指标

Our **Abpromise guarantee** covers the use of **ab114225** in the following tested applications.

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

应用	Western blot
	ELISA
	SDS-PAGE
形式	Liquid

制备和贮存

稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

常规信息

功能

Heterotrimeric G protein-coupled receptor for endocannabinoid 2-arachidonoylglycerol mediating inhibition of adenylate cyclase. May function in inflammatory response, nociceptive transmission and bone homeostasis.

组织特异性

Preferentially expressed in cells of the immune system with higher expression in B cells and NK cells (at protein level). Expressed in skin in suprabasal layers and hair follicles (at protein level). Highly expressed in tonsil and to a lower extent in spleen, peripheral blood mononuclear cells, and thymus. PubMed:14657172 could not detect expression in normal brain. Expressed in brain by perivascular microglial cells and dorsal root ganglion sensory neurons (at protein level).

序列相似性

Belongs to the G-protein coupled receptor 1 family.

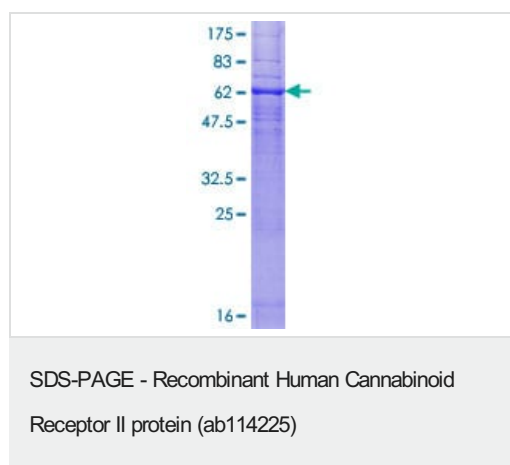
翻译后修饰

Constitutively phosphorylated on Ser-352; phosphorylation increases cell internalization and desensitizes the receptor.

细胞定位

Cell membrane. Cell projection > dendrite. Perikaryon. Localizes to apical dendrite of pyramidal neurons.

图片



ab114225 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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