

KB513

For research use only

Anti Human CACNB3 Polyclonal Antibody

Code No.	KB513				250 - 150 -
Terget	CACNB3				
Category	Transporter				37 -
Gene ID	784				25 -
Primary Source	HGNC:1403				20-
Synonyms	CACNLB3; CA	CNB3			15-
Туре	Polyclonal Antibody				
Immunogen	Recombinant protein of full length Human CACNB3				
Raised in	Mouse				
Myeloma	-				
Clone number	-				
Purification	Protein A purified				
Source	Mouse Serum				
Isotype	-				
Cross Reactivity	-				
Label	Unlabeled				
Concentration	0.5 mg/mL				
Contents (Volume)	50 µg				
Buffer	PBS, pH 7.2				
Storage	Store at - 20 °C long term, store at 4 °C short term. Avoid				
	repeated freeze	e-thaw cycles.			
Application	WB				
	ELISA	WB	IHC	ICC	
	- ID	1.0 FCM	- IF	- Neutralization	
	- IF	- ГОМ	-	-	
				(µg/mL)	

Reference

1. Yamada Y., et al. "The structures of the human calcium channel alpha 1 subunit (CACNL1A2) and beta subunit (CACNLB3) genes." Genomics 27:312-319(1995)

2. Collin T., et al. "Cloning, chromosomal location and functional expression of the human voltage-dependent calcium-channel beta 3 subunit." Eur. J. Biochem. 220:257-262(1994)

3. The MGC Project Team. "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC)." Genome Res. 14:2121-2127(2004)

UniPlot Summary

//Function: The beta subunit of voltage-dependent calcium channels contributes to the function of the calcium channel by increasing peak calcium current, shifting the voltage dependencies of activation and inactivation, modulating G protein inhibition and controlling the alpha-1 subunit membrane targeting.

//Tissue specificity: Expressed mostly in brain, smooth muscle and ovary.

//Sequence similarities: Belongs to the calcium channel beta subunit family. Contains 1 SH3 domain.

