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CNRP1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12679c

Product Information

Application	IHC-P, WB, E
Primary Accession	Q96F85
Other Accession	Q9GKT6, NP_056278.1, NP_001104571.1
Reactivity	Human
Predicted	Monkey, Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31464
Calculated MW	18648
Antigen Region	76-104

Additional Information

Gene ID	25927
Other Names	CB1 cannabinoid receptor-interacting protein 1, CRIP-1, CNRIP1, C2orf32
Target/Specificity	This CNRP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-104 amino acids from the Central region of human CNRP1.
Dilution	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CNRP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CNRIP1
Synonyms	C2orf32
Function	[Isoform 1]: Suppresses cannabinoid receptor CNR1-mediated tonic

inhibition of voltage-gated calcium channels.

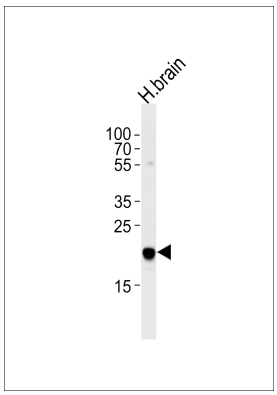
Background

This gene encodes a G-protein coupled receptor which interacts with the C-terminal tail of cannabinoid receptor 1. This receptor plays a role in synaptic plasticity, analgesia, appetite, and neuroprotection. Two transcript variants encoding different isoforms have been described for this gene.

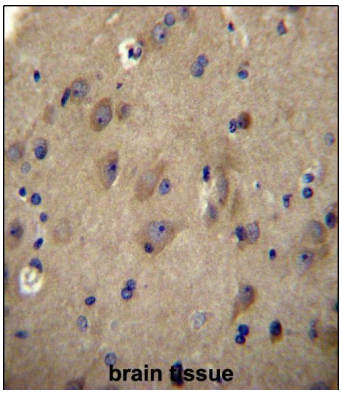
References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Gieger, C., et al. PLoS Genet. 4 (11), E1000282 (2008) :
Niehaus, J.L., et al. Mol. Pharmacol. 72(6):1557-1566(2007)
Swick, L., et al. J. Neurochem. 97(5):1447-1455(2006)

Images



Western blot analysis of lysate from human brain tissue lysate, using CNRP1 Antibody (Center)(Cat. #AP12679c). AP12679c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



CNRP1 Antibody (Center) (Cat. #AP12679c)immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CNRP1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.