

For Research Use Only

Cannabinoid receptor 1 Polyclonal antibody, PBS Only

Catalog Number: 29708-1-PBS

Featured Product



Basic Information

Catalog Number:

29708-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31838

GenBank Accession Number:

BC074812

GeneID (NCBI):

1268

UNIPROT ID:

P21554

Full Name:

cannabinoid receptor 1 (brain)

Calculated MW:

472 aa, 53 kDa

Observed MW:

48 kDa, 66 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Cannabinoid receptor 1 (CNR1, or CB1) and CNR2 (CB2) are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family. The CB1 receptor is expressed mainly in the brain. The CB2 receptor is expressed mainly in the immune system and in hematopoietic cells. The two receptors have been found to be involved in the cannabinoid-induced CNS effects (including alterations in mood and cognition) experienced by users of marijuana.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

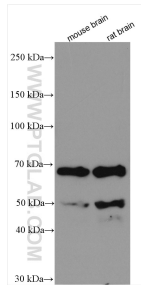
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

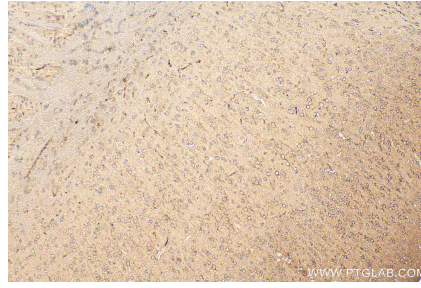
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

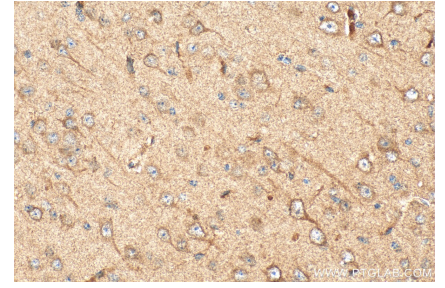
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29708-1-AP (Cannabinoid receptor 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 29708-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29708-1-AP (Cannabinoid receptor 1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29708-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29708-1-AP (Cannabinoid receptor 1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 29708-1-PBS in a different storage buffer formulation.