

For Research Use Only

Cannabinoid receptor 2 Polyclonal antibody

Catalog Number: 29371-1-AP

1 Publications



Basic Information

Catalog Number: 29371-1-AP	GenBank Accession Number: BC074767	Purification Method: Antigen affinity purification
Size: 600 ug/ml	GeneID (NCBI): 1269	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P34972	
Isotype: IgG	Full Name: cannabinoid receptor 2 (macrophage)	
Immunogen Catalog Number: AG30609	Calculated MW: 360 aa, 40 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB	WB : MCF-7 cells,
Species Specificity: human	IHC : mouse brain tissue,
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Qiang Wu	39193000	World J Gastroenterol	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

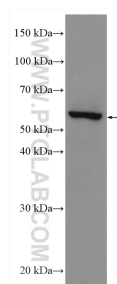
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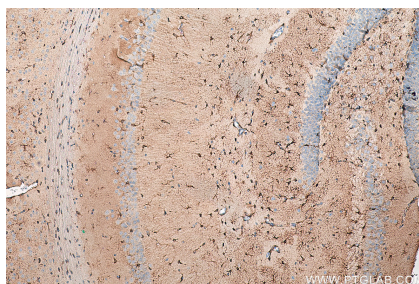
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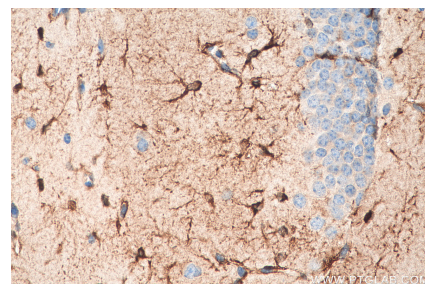
Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 29371-1-AP (Cannabinoid receptor 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29371-1-AP (Cannabinoid receptor 2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 29371-1-AP (Cannabinoid receptor 2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).