

Cannabinoid receptor CB1-R

Cat.No. 258 106; Polyclonal chicken antibody, 50 µg specific antibody (lyophilized)

Data Sheet

Reconstitution/ Storage	50 µg purified IgY, lyophilized. Ovalbumin was added for stabilization. For reconstitution add 50 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. Before storing at -20°C add 1 vol of glycerol.
Applications	WB: not tested yet IP: not tested yet ICC: not tested yet IHC: 1 : 1000 up to 1 : 5000 IHC-P/FFPE: 1 : 500 up to 1 : 1000 (see remarks)
Immunogen	Synthetic peptide corresponding to AA 450 to 473 from rat CB1-R (UniProt Id: P20272)
Reactivity	Reacts with: mouse (P47746), rat (P20272). Other species not tested yet.
Specificity	Specific for CB1-R
Remarks	IHC-P: Heat mediated antigen retrieval at pH 9.0-10.0 (10 mM Tris, 1 mM EDTA).

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

The **cannabinoid receptor CB1-R** is a G-protein coupled receptor (GPCR) with 7 transmembrane domains. It is responsive to tetrahydrocannabinol, the psychotropic component of marijuana. Endogenous cannabinoids (endocannabinoids) are released from postsynaptic neurons and act onto presynaptic cannabinoid receptors where they play important physiological roles in synaptic plasticity, analgesia, appetite, and neuroprotection.

Selected General References

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