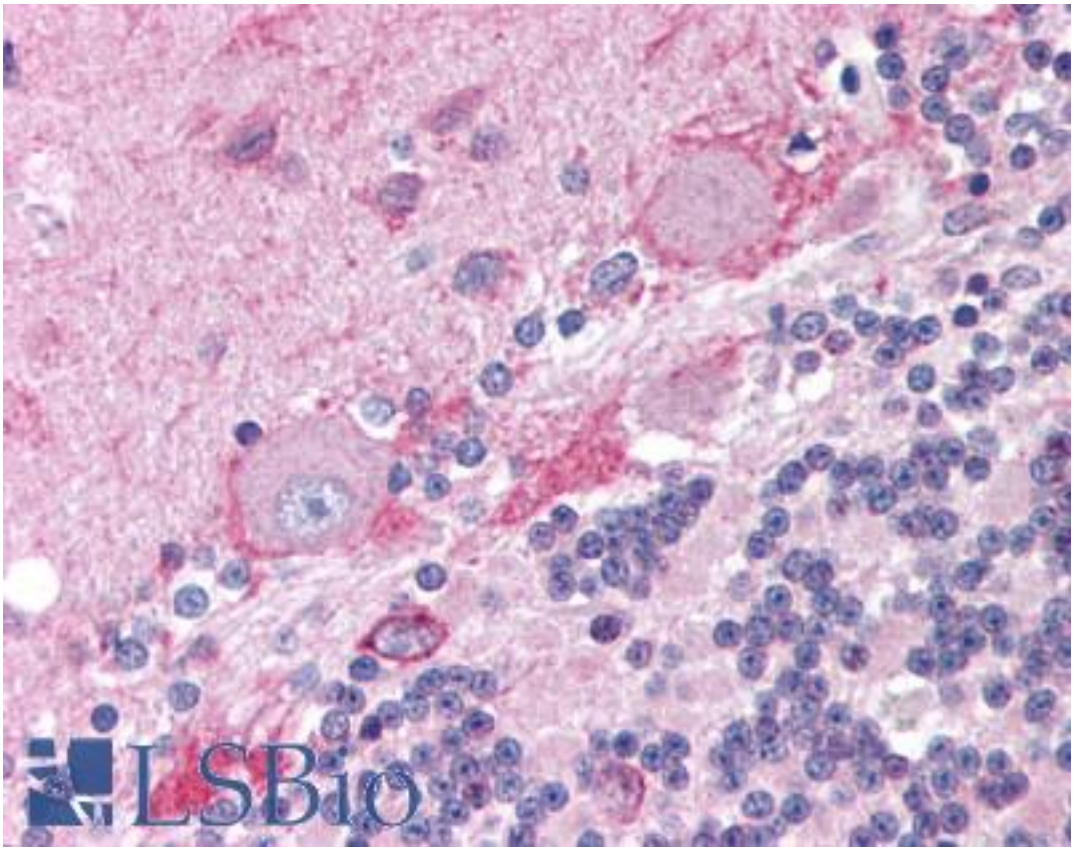
LSBio
LifeSpan BioSciences, Inc.

CNR1 / CB1 Rabbit anti-Human Polyclonal (aa461-472) Antibody - LS-B1591 - LSBio

CatalogID:	LS-B1591
Validation:	This antibody replaces catalog number LS-C11170. It has been validated for use in the following assays: IHC.
Target:	cannabinoid receptor 1 (brain) (CNR1)
Synonyms:	CNR1 Antibody, CB-R Antibody, CB1 receptor Antibody, CB1A Antibody, CB1R Antibody, Cannabinoid receptor 1 Antibody, Cannabinoid receptor CB1 Antibody, Cannabinoid Receptor I Antibody, CB1 Antibody, CB1K5 Antibody, CANN6 Antibody, Cannabinoid receptor 1 (brain) Antibody, CNR Antibody, Cannabinoid CB(1) receptor Antibody, CB1 cannabinoid receptor Antibody, Central cannabinoid receptor Antibody
Family / Subfamily:	GPCR / Cannabinoid
Host	CNR1 antibody was produced in Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Immunogen Species:	CNR1 / CB1 antibody was raised against Human
Immunogen:	CNR1 / CB1 antibody was raised against human CB1 receptor sequence amino acids 461-472 (MSVSTDTSAEAL). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Monkey, Marmoset, Mouse, Rat, Panda, Dog, Horse, Pig, Opossum, Platypus (100%); Bat, Turkey, Zebra finch, Chicken, Xenopus (92%); Lizard, Stickleback, Pufferfish (83%).
Specificity:	human CB1 receptor sequence amino acids 461-472 (MSVSTDTSAEAL)
Epitope:	aa461-472
Reactivity:	Human, Chimpanzee, Gorilla, Monkey, Mouse, Rat, Dog, Horse, Pig
Predicted Reactivity:	Bat, Chicken, Xenopus
Purification:	Immunoaffinity purified
Presentation:	Tris buffered saline, 0.5% BSA, 0.02% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.
Usage Summary:	Immunohistochemistry: LS-B1591 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B1591 was determined to be 5 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.8 mg/ml

Immunohistochemistry Image:



Anti-CNR1 / CB1 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B1591 concentration 5 ug/ml.

Requested From:	Japan