



**RABBIT ANTI-CANNABINOID RECEPTOR 1 (CB1)
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB5636P	QUANTITY:	50 µg
LOT NUMBER:		CONCENTRATION:	XX mg/mL
SPECIFICITY:	Recognizes human Cannabinoid Receptor 1 (CB1). The immunogen shows no significant sequence homology with CB2 or other receptors.		
IMMUNOGEN:	A 14 amino acid peptide sequence near the extracellular, N-terminus of human CB1 (1).		
APPLICATIONS:	Western blot: 1-10 µg/mL using ECL. Immunohistochemistry: not tested. It is recommended that the antibody be tried at 2-10 µg/mL on paraformaldehyde fixed tissue. ELISA: 1:10,000-1:100,000 using 50-100 ng control peptide (Cat. No. AG357) per well. Optimal working dilutions must be determined by the end user.		
SPECIES REACTIVITY:	Human. Reactivity with other species has not been confirmed. The immunogen peptide is 100% conserved in rat, mouse, feline, monkey, zebra finch, newt, (salamander) and 85% in puffer fish.		
FORMAT:	Affinity purified immunoglobulin.		
PRESENTATION:	Liquid in 100 mM Tris, pH 7.5, containing 0.2% BSA and 0.05% sodium azide.		
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.		
REFERENCES:	1) Gerard CM et al (1991) <i>Biochem J.</i> 279 :129-134; 2) Gerard CM et al (1990) <i>Nucl Acid Res.</i> 18 :7142; 3) Shire D et al (1995) <i>J. Biol. Chem.</i> 270 :3726-3731; 4) Matsuda LA et al (1990) <i>Nature</i> 346 :561-564; 5) Ho BY et al (1996) <i>Neurosci. Lett.</i> 212 :123-126; 6) Chakraborty A et al (1995) <i>DNA seq.</i> 5 :385-388.		

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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28820 Single Oak Drive • Temecula, CA 92590
Technical Support: T: 1-800-MILLIPORE (1-800-645-5476) • F: 1-800-437-7502
www.millipore.com