Product datasheet for TA332399

Cannabinoid Receptor I Rabbit Polyclonal Antibody

Product data:

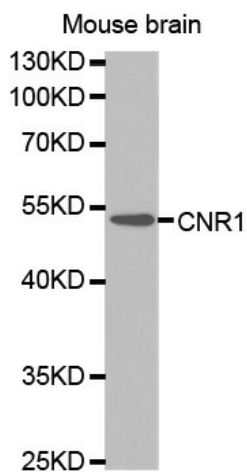|	
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human CNR1
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	472
Database Link:	Entrez Gene 12801 Mouse Entrez Gene 25248 Rat
Background:	This gene encodes one of two cannabinoid receptors. The cannabinoids, principally delta-9-tetrahydrocannabinol and synthetic analogs, are psychoactive ingredients of marijuana. The cannabinoid receptors are members of the guanine-nucleotide-binding protein (G-protein) coupled receptor family, which inhibit adenylate cyclase activity in a dose-dependent, stereoselective and pertussis toxin-sensitive manner. 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. Multiple transcript variants encoding two different protein isoforms have been described for this gene. _
Synonyms:	CANN6; cannabinoid receptor 1 (brain); CB-R; CB1; CB1A; CB1K5; CB1R; central cannabinoid receptor; CNR; OTTHUMP00000016838; OTTHUMP00000016839; OTTHUMP00000016840
Protein Families:	Druggable Genome, GPCR, Transmembrane

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Protein Pathways: Neuroactive ligand-receptor interaction

Product images:

Western blot analysis of extracts of mouse brain tissue lines, using CNR1 antibody.