

Anti-CNR1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Dog,Pig,Cow,Horse,Rabbit,GuineaPig)
Molecular Weight:	Theoretical: 52 kDa. Actual: 52 kDa.
Purification:	Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CNR1) Polyclonal Antibody, Unconjugated (TMAB-00452) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.

2. Sample:

Cerebrum (Rat) Lysate at 40 µg

Primary: Anti-CNR1 (TMAB-00452) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

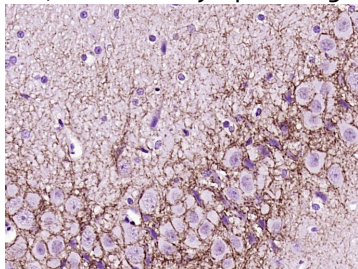
Predicted band size: 52 kDa

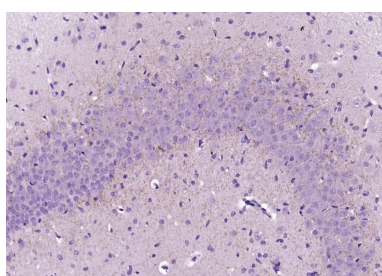
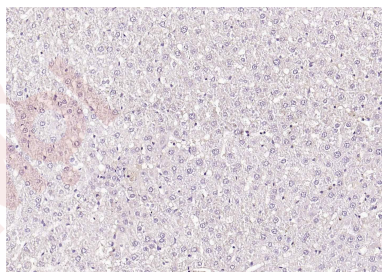
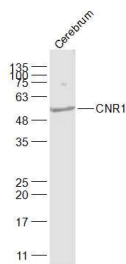
Observed band size: 52 kDa

Verified Activity:

3. Negative sample: Paraformaldehyde-fixed, paraffin embedded (rat liver);Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min;Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (CNR1) Polyclonal Antibody, Unconjugated (TMAB-00452) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructionsand DAB staining.

4. Paraformaldehyde-fixed, paraffin embedded (Rat hippocampus); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (CNR1) Polyclonal Antibody, Unconjugated (TMAB-00452) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructionsand DAB staining.





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human CNR-1

Antigen Species: Human

Gene ID: 1268

Biology Area: Lipoprotein metabolism,Cholesterol Metabolism,Cholesterol Metabolism,Lipoprotein metabolism,Heart disease,Cannabinoid Receptor

Research 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. [provided by RefSeq, May 2009]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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