

CNR1 Polyclonal Antibody

Catalog No. E-AB-62683

Note: Centrifuge before opening to ensure complete recovery of vial contents.

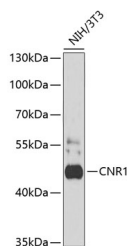
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human CNR1 (NP_001153731.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

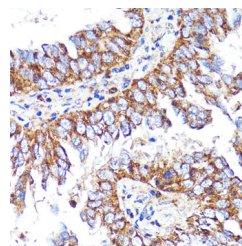
WB 1:500-1:2000 IHC
1:50-1:100

Data

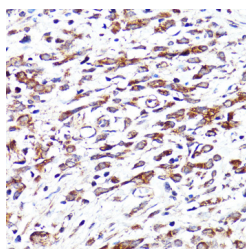


Western blot analysis of extracts of NIH3T3 cells using CNR1 Polyclonal Antibody at dilution of 1:1000.

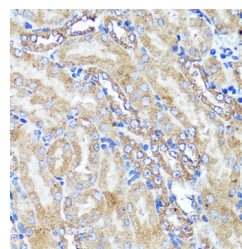
Observed Mw:53kDa
Calculated Mw:45kDa/49kDa/52kDa



Immunohistochemistry of paraffin-embedded Human lung cancer using CNR1 Polyclonal Antibody at dilution of 1:150 (40x lens).

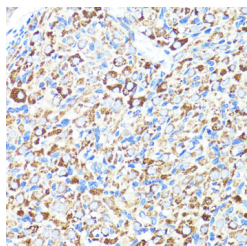


Immunohistochemistry of paraffin-embedded Human stomach cancer using CNR1 Polyclonal Antibody at dilution of 1:150 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using CNR1 Polyclonal Antibody at dilution of 1:150 (40x lens).

For Research Use Only



Immunohistochemistry of paraffin-embedded Rat ovary using CNR1 Polyclonal Antibody at dilution of 1:150 (40x lens).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.