

CNR2 / CB2 Antibody (aa191-240)
Rabbit Polyclonal Antibody
Catalog # ALS15808**Specification**

CNR2 / CB2 Antibody (aa191-240) - Product Information

Application	IHC, WB
Primary Accession	P34972
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

CNR2 / CB2 Antibody (aa191-240) - Additional Information**Gene ID** 1269**Other Names**

Cannabinoid receptor 2, CB-2, CB2, hCB2, CX5, CNR2, CB2A, CB2B

Target/Specificity

CNR2 Antibody detects endogenous levels of total CNR2 protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

CNR2 / CB2 Antibody (aa191-240) is for research use only and not for use in diagnostic or therapeutic procedures.

CNR2 / CB2 Antibody (aa191-240) - Protein Information**Name** CNR2**Synonyms** CB2A, CB2B**Function**

Heterotrimeric G protein-coupled receptor for endocannabinoid 2-arachidonoylglycerol mediating inhibition of adenylate cyclase. May function in inflammatory response, nociceptive transmission and bone homeostasis.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell projection, dendrite. Perikaryon Note=Localizes to apical dendrite of pyramidal neurons.

Tissue Location

Preferentially expressed in cells of the immune system with higher expression in B-cells and NK cells (at protein level). Expressed in skin in suprabasal layers and hair follicles (at protein level).

Highly expressed in tonsil and to a lower extent in spleen, peripheral blood mononuclear cells, and thymus. PubMed:14657172 could not detect expression in normal brain. Expressed in brain by perivascular microglial cells and dorsal root ganglion sensory neurons (at protein level). Two isoforms are produced by alternative promoter usage and differ only in the 5' UTR: isoform CB2A is observed predominantly in testis with some expression in brain, while isoform CB2B is predominant in spleen and leukocytes

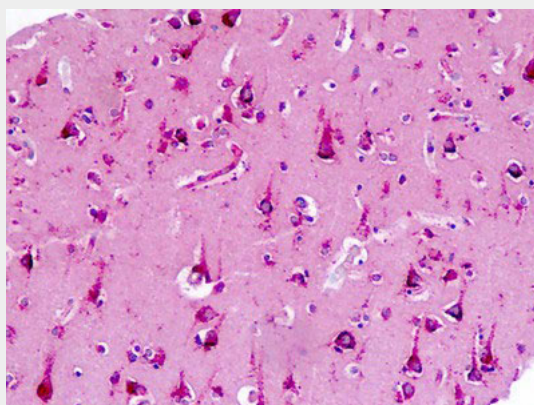
Volume
50 µl

CNR2 / CB2 Antibody (aa191-240) - Protocols

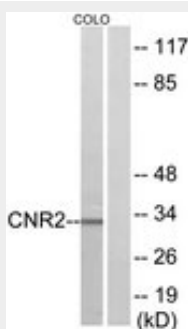
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CNR2 / CB2 Antibody (aa191-240) - Images



Anti-CNR2 / CB2 antibody IHC staining of human brain.



Western blot of extracts from COLO205 cells, using CNR2 Antibody.

CNR2 / CB2 Antibody (aa191-240) - Background

Heterotrimeric G protein-coupled receptor for endocannabinoid 2-arachidonoylglycerol mediating inhibition of adenylate cyclase. May function in inflammatory response, nociceptive transmission and bone homeostasis.

CNR2 / CB2 Antibody (aa191-240) - References

Munro S.,et al.Nature 365:61-65(1993).

Liu Q.-R.,et al.Genes Brain Behav. 8:519-530(2009).

Bruess M.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.

Warren C.N.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.

Saravanan T.,et al.Submitted (NOV-2005) to the EMBL/GenBank/DDBJ databases.