

# HOW DOES CBD EFFECT THE BODY?

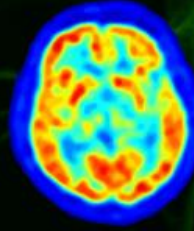
Unlike THC, CBD does not directly bind to the CB1 or CB2 receptors. Instead, CBD suppresses the enzyme fatty acid amide hydroxylase ("FAAH").



CB1 receptors are concentrated mostly in the Brain and Central Nervous System.

CB2 receptors are concentrated mostly in the Peripheral Nervous System and Immune System.

FAAH is responsible for breaking down anandamide. Anandamide is cannabinoid that occurs naturally in the body and is responsible for activating the CB1 and CB2 receptors, which triggers the body's natural protective endocannabinoid response.



CBD also inhibits THC from binding to the CB1 receptor in the brain. This counteracts some of the effects that THC has on the brain; therefore, reducing the feeling of being 'high'.