**Product datasheet**

**Anti-Cannabinoid Receptor II antibody ab77265**

1 Image

### Overview

**Product name**
Anti-Cannabinoid Receptor II antibody

**Description**
Goat polyclonal to Cannabinoid Receptor II

**Host species**
Goat

**Tested applications**
Suitable for: ELISA, WB

**Species reactivity**
Reacts with: Human

**Predicted to work with**
Dog, Chimpanzee, Rhesus monkey

**Immunogen**
Synthetic peptide:

C-TETEADGKITPWPD

, corresponding to C terminal amino acids 338-351 of Human Cannabinoid Receptor II (NP_001832.1).

**Positive control**
WB: Human brain tissue lysate.

### Properties

**Form**
Liquid

**Storage instructions**
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

**Storage buffer**
pH: 7.30
Preservative: 0.02% Sodium azide
Constituents: 0.5% BSA, 0.5% Tris buffered saline

**Purity**
Immunogen affinity purified

**Purification notes**
ab77265 is purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunising peptide.

**Clonality**
Polyclonal

**Isotype**
IgG

### Applications

Our Abpromise guarantee covers the use of ab77265 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
**Function**

**Tissue specificity**
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).

**Sequence similarities**
Belongs to the G-protein coupled receptor 1 family.

**Post-translational modifications**
Constitutively phosphorylated on Ser-352; phosphorylation increases cell internalization and desensitizes the receptor.

**Cellular localization**

**Images**

Anti-Cannabinoid Receptor II antibody (ab77265) at 1.5 µg/ml + Human Brain (Hippocampus) lysate (35 µg protein in RIPA buffer)

**Predicted band size**: 40 kDa

Detected by chemiluminescence.

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