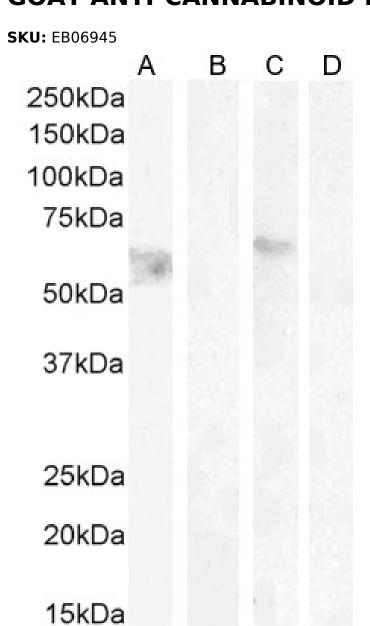
Telephone: (650) 697-3600



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GOAT ANTI-CANNABINOID RECEPTOR 1 ANTIBODY



SPECIFICATIONS

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.





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Unit Size 100 µg

Storage Instructions

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

cannabinoid receptor 1|OTTHUMP00000016839|OTTHUMP00000016838|CB1R|RP1-23D17.1|central

Alias Names

cannabinoid receptor|HGNC:2159, CANN6, CB-R, CB1, CB1A, CB1K5, CNR|CNR1|cannabinoid receptor 1 (brain)

Accession

ID

NP_057167.2; NP_001153732.1; NP_001153731.1; NP_001153730.1; NP_001153698.1; NP_149421.1

Blocking

EBP06945 **Peptide**

Immunogen

Peptide with sequence C-HTSEDGKVQVTRPDQ, from the internal region of the protein sequence according to

This antibody is expected to recognise both reported isoforms. Isoform a (NP 057167.2; NP 001153732.1;

NP_057167.2; NP_001153732.1; NP_001153731.1; NP_001153730.1; NP_001153698.1; NP_149421.1.

Product Comments

NP_001153731.1; NP_001153730.1; NP_001153698.1) and isoform b (NP_149421.1).

Peptide Sequence

C-HTSEDGKVQVTRPDQ

Method

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

using the immunizing peptide.

Shipping

Instructions

Refrigerated

Predicted

Human, Mouse, Rat, Dog **Species**

Reactive

Species

Human

Human

1268

Gene ID

Mouse

12801 Gene ID

Rat Gene ID 25248

Product Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png

ELISA

Detection Limit

Antibody detection limit dilution 1:32000.

Western

Approx 55kDa (non-glycosylated) and 65kDa (glycosylated) bands observed in lysates of cell line HeLa (calculated MW of 52.9kDa according to NP 057167.2;). Both bands were successfully blocked by incubation with the immunizing peptide, Recommended concentration: 0.5-2µg/ml. Primary incubation 1 hour at room temperature. This antibody has been successfully used in Western blot on Human: Fügedi G et al. (2014)

PMID: 25444073.

Application

Type

Blot

Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 25444073, "intro": "This antibody has been successfully used in Western blot on Human:", "title": "Increased placental expression of cannabinoid receptor 1 in preeclampsia: an observational study.", "author": "Fügedi G, Molnár M, Rigó J Jr, Schönléber J, Kovalszky I, Molvarec A.", "journal": "BMC Pregnancy Childbirth. 2014 Dec 2;14:395"}]





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GALLERY IMAGES

