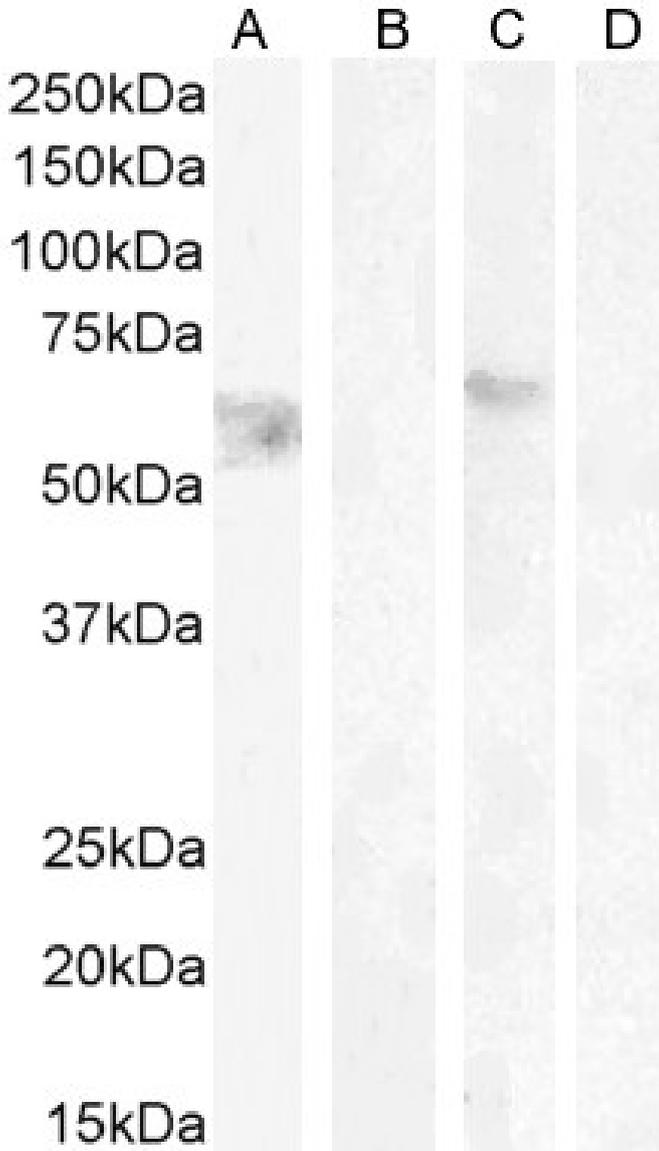




# GOAT ANTI-CANNABINOID RECEPTOR 1 ANTIBODY

SKU: EB06945



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## SPECIFICATIONS

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



<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	cannabinoid receptor 1 OTTHUMP00000016839 OTTHUMP00000016838 CB1R RP1-23D17.1 central cannabinoid receptor HGNC:2159, CANN6, CB-R, CB1, CB1A, CB1K5, CNR CNR1 cannabinoid receptor 1 (brain)
<b>Accession ID</b>	NP_057167.2; NP_001153732.1; NP_001153731.1; NP_001153730.1; NP_001153698.1; NP_149421.1
<b>Blocking Peptide</b>	EBP06945
<b>Immunogen</b>	Peptide with sequence C-HTSEDKVQVTRPDQ, from the internal region of the protein sequence according to NP_057167.2; NP_001153732.1; NP_001153731.1; NP_001153730.1; NP_001153698.1; NP_149421.1.
<b>Product Comments</b>	This antibody is expected to recognise both reported isoforms. Isoform a (NP_057167.2; NP_001153732.1; NP_001153731.1; NP_001153730.1; NP_001153698.1) and isoform b (NP_149421.1).
<b>Peptide Sequence</b>	C-HTSEDKVQVTRPDQ
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	1268
<b>Mouse Gene ID</b>	12801
<b>Rat Gene ID</b>	25248
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:32000.
<b>Western Blot</b>	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. <p>This antibody has been successfully used in Western blot on Human: Fügedi G et al. (2014) PMID: 25444073.</p>
<b>Application Type</b>	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"}]



## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

