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GOAT ANTI-CB1 (ISOFORM A) ANTIBODY

SKU: EB10961

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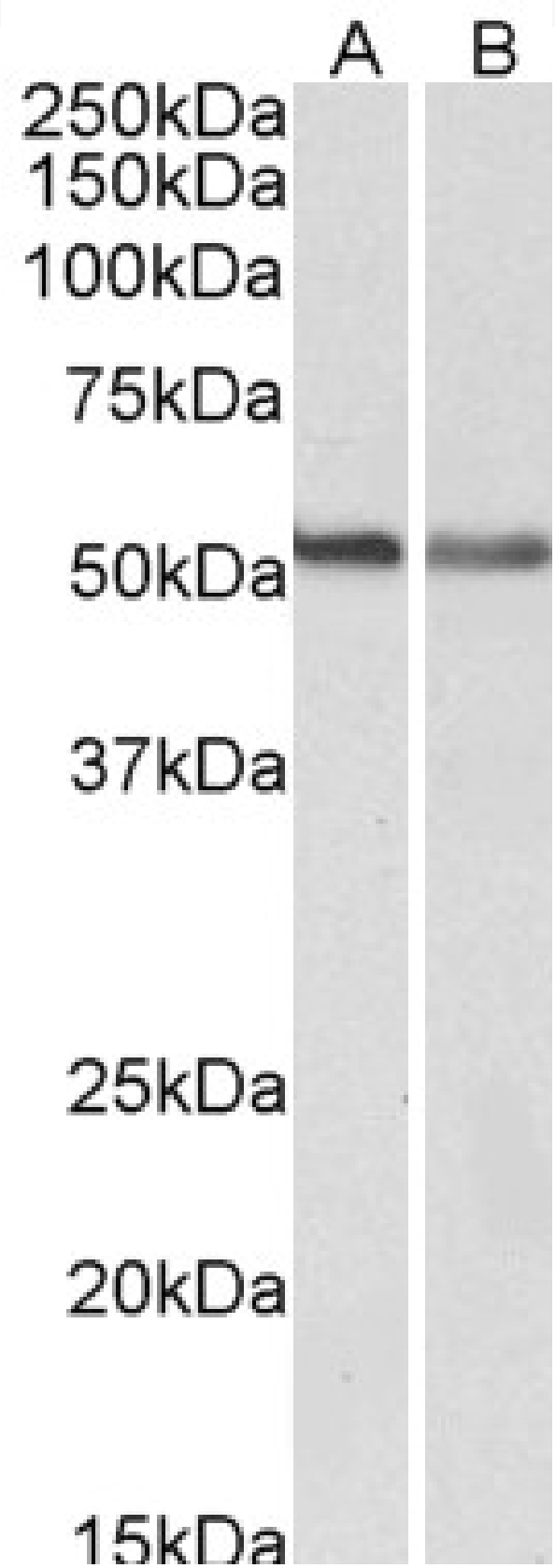

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SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	central cannabinoid receptor| cannabinoid receptor 1| CNR| CB1R| CB1K5| CB1A| CB1| CB-R| CANN6| cannabinoid receptor 1 (brain)|CNR1
Accession ID	NP_057167.2
Blocking Peptide	EBP10961
Immunogen	Peptide with sequence SNDIQYEDIKGDMAS-C, from the N Terminus of the protein sequence according to NP_057167.2.
Product Comments	This antibody is expected to recognize reported isoform a (NP_057167.2) only. Reported variants represent identical protein: NP_001153731.1, NP_001153732.1, NP_057167.2, NP_001153730.1, NP_001153698.1
Peptide Sequence	SNDIQYEDIKGDMAS-C
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow
Reactive Species	Human, Mouse
Human Gene ID	1268
Mouse Gene ID	12801
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 1:64000.
Western Blot	Approx 52kDa band observed in lysates of cell lines A549 and NIH3T3 (calculated MW of 52.9kDa according to Human NP_057167.2 and 52.8kDa according to Mouse NP_031752.1). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in WB on Human: 33049367 and http://doi.org/10.1089/can.2020.0107.
Application Type	Pep-ELISA, WB

SELECTED REFERENCES

[{"pmid": 33998898, "intro": "**This antibody has been successfully used in WB on Human:**", "title": "Differential Expression of CB1 Cannabinoid Receptor and Cannabinoid Receptor Interacting Protein 1a in Labor", "author": "Melissa L. Kozakiewicz, Jie Zhang, Sandra Leone-Kabler, Liliya M. Yamaleyeva, Anna G. McDonald, Brian C. Brost and Allyn C. Howlett", "journal": "Cannabis and Cannabinoid Research (April 2021) http://doi.org/10.1089/can.2020.0107"}, {"pmid": 33049367, "intro": "**This antibody has been successfully used in WB on Human:**", "title": "Cannabinoid receptor subtype influence on neuritogenesis in human SH-SY5Y cells", "author": "Erica L Lyons, Sandra Leone-Kabler, Alexander L Kovach, Brian F Thomas, Allyn C Howlett", "journal": "Mol Cell Neurosci. 2020 Oct 10;109:103566."}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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