

Product datasheet

Anti-Cannabinoid Receptor I antibody ab137410

1 References 5 Images

Overview

Product name	Anti-Cannabinoid Receptor I antibody
Description	Rabbit polyclonal to Cannabinoid Receptor I
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide, corresponding to a region within internal sequence amino acids 270-365 of Human Cannabinoid Receptor I
Positive control	Human Cannabinoid Receptor I transfected HEK-293T cells. U87-MG, mouse brain and Rat brain whole cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 20% Glycerol
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab137410** in the following tested applications.

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

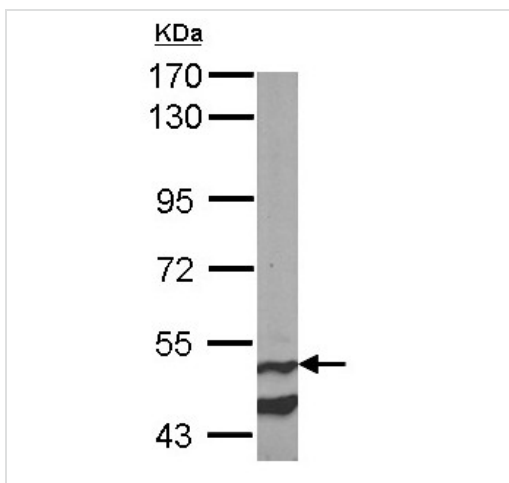
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 53 kDa.

Application	Abreviews	Notes
IHC-P		1/100 - 1/1000. Suggested antigen retrieval using heat mediated 10mM Citrate buffer (pH6.0) or Tris-EDTA buffer (pH8.0).

Target

Function	Involved in cannabinoid-induced CNS effects. Acts by inhibiting adenylate cyclase. Could be a receptor for anandamide. Inhibits L-type Ca(2+) channel current. Isoform 2 and isoform 3 have altered ligand binding.
Tissue specificity	Widely expressed.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family.
Cellular localization	Cell membrane.

Images

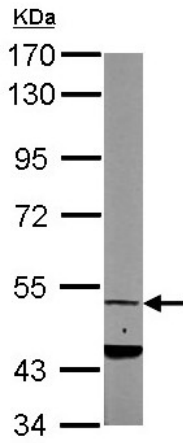


Anti-Cannabinoid Receptor I antibody (ab137410) at 1/5000 dilution + Mouse brain whole cell lysate at 50 µg

Predicted band size: 53 kDa

7.5% SDS PAGE

Western blot - Anti-Cannabinoid Receptor I antibody (ab137410)

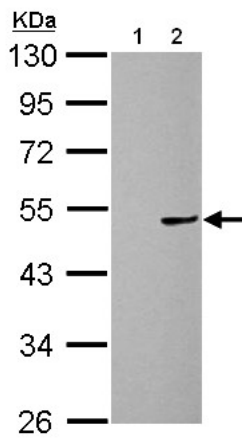


Western blot - Anti-Cannabinoid Receptor I antibody (ab137410)

Anti-Cannabinoid Receptor I antibody (ab137410) at 1/5000 dilution + Rat brain whole cell lysate at 50 µg

Predicted band size: 53 kDa

7.5% SDS PAGE



Western blot - Anti-Cannabinoid Receptor I antibody (ab137410)

All lanes : Anti-Cannabinoid Receptor I antibody (ab137410) at 1/1000 dilution

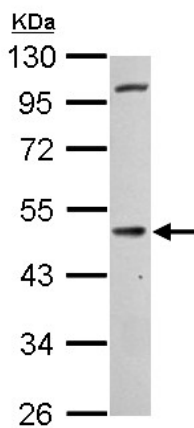
Lane 1 : HEK 293T whole cell lysate

Lane 2 : HEK 293T whole cell lysate transfected with Cannabinoid Receptor I

Lysates/proteins at 10 µg per lane.

Predicted band size: 53 kDa

10 % SDS-PAGE

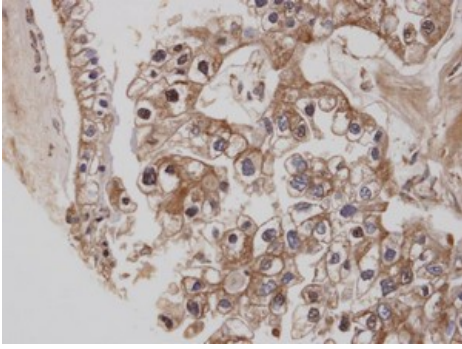


Western blot - Anti-Cannabinoid Receptor I antibody (ab137410)

Anti-Cannabinoid Receptor I antibody (ab137410) at 1/1000 dilution + U87-MG whole cell lysate at 30 µg

Predicted band size: 53 kDa

10 % SDS-PAGE



Immunohistochemical analysis of paraffin-embedded OVCA, labelling Cannabinoid Receptor I using ab137410 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cannabinoid Receptor I antibody (ab137410)

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