

Datasheet for ABIN7043138
anti-FFAR2 antibody (C-Term, Intracellular)[Go to Product page](#)

4 Images

Overview

Quantity:	25 µL
Target:	FFAR2
Binding Specificity:	AA 301-314, C-Term, Intracellular
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FFAR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)RGAEETVEGKTDR, corresponding to amino acid residues 301-314 of rat FFAR2
Isotype:	IgG
Cross-Reactivity (Details):	Will not recognize human samples.
Characteristics:	Anti-GPR43/FFAR2 Antibody (ABIN7043138, ABIN7044289 and ABIN7044290)) is a highly selective antibody directed against an epitope of the rat Free fatty acid receptor 2. The antibody can be used in western blot analysis. It has been designed to recognize FFAR2 from mouse and rat samples. The antibody is not suited to recognize FFAR2 from human samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

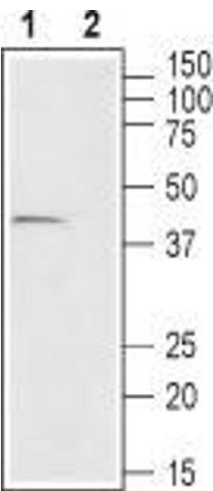
Target:	FFAR2
Alternative Name:	GPR43/FFAR2 (FFAR2 Products)
Background:	Alternative names: GPR43/FFAR2, G-protein coupled receptor 43, Free fatty acid receptor 2
Gene ID:	292794
NCBI Accession:	NM_005306
UniProt:	Q76EI6

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

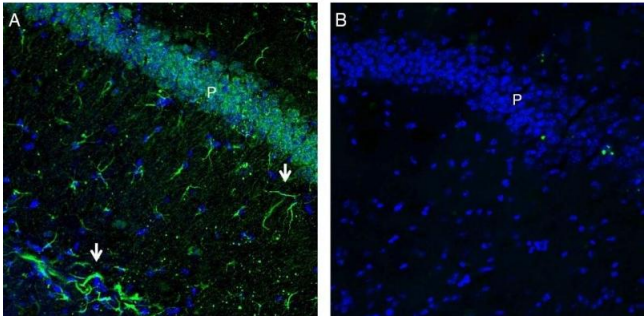
Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



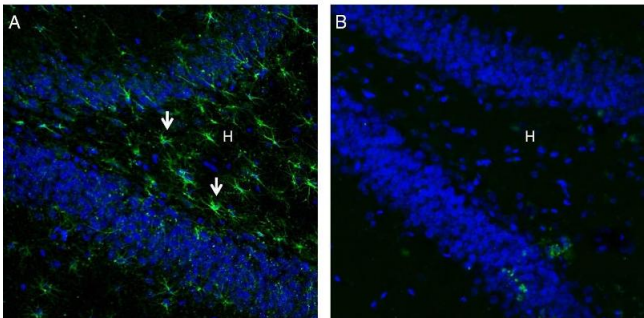
Western Blotting

Image 1. Western blot analysis of mouse colon lysate: - 1. Anti-GPR43/FFAR2 Antibody (ABIN7043138, ABIN7044289 and ABIN7044290), (1:200). 2. Anti-GPR43/FFAR2 Antibody, preincubated with GPR43/FFAR2 Blocking Peptide (#BLP-FR032).



Immunohistochemistry

Image 2. Expression of GPR43/FFAR2 in mouse hippocampus. - Immunohistochemical staining of perfusion-fixed frozen mouse brain sections with Anti-GPR43/FFAR2 Antibody (ABIN7043138, ABIN7044289 and ABIN7044290), (1:300), followed by goat anti-rabbit-AlexaFluor-488. A. Staining in the mouse hippocampal CA1 region showed FFAR2 immunoreactivity (green) in the pyramidal layer (P) and in astrocyte outlines (arrows). B. Pre-incubation of the antibody with GPR43/FFAR2 Blocking Peptide (BLP-FR032), suppressed staining. Cell nuclei are stained with DAPI (blue).



Immunohistochemistry

Image 3. Expression of GPR43/FFAR2 in rat hippocampus. - Immunohistochemical staining of perfusion-fixed frozen rat brain sections with Anti-GPR43/FFAR2 Antibody (ABIN7043138, ABIN7044289 and ABIN7044290), (1:300), followed by goat anti-rabbit-AlexaFluor-488. A. Staining in the rat hippocampal dentate gyrus region showed FFAR2 immunoreactivity (green) in astrocyte outlines (arrows) most intensely in the hilus (H). B. Pre-incubation of the antibody with GPR43/FFAR2 Blocking Peptide (BLP-FR032), suppressed staining. Cell nuclei are stained with DAPI (blue).

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7043138.