Datasheet for ABIN1535621

anti-GPR109 antibody (AA 285-334)

2 Images

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Overview

Quantity:	100 µg
Target:	GPR109
Binding Specificity:	AA 285-334
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR109 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GPR109.
Isotype:	IgG
Specificity:	GPR109 Antibody detects endogenous levels of total GPR109 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	GPR109
Alternative Name:	GPR109 (GPR109 Products)
Background:	Synonyms: Nicotinic acid receptor 2, G-protein coupled receptor 109B, G-protein coupled

Target Details

	receptor HM74, G-protein coupled receptor HM74B, GPR109B NCBI Gene Symbol: GPR109B
Molecular Weight:	44 kDa
Gene ID:	8843, 338442
OMIM:	606039
UniProt:	P49019, Q8TDS4

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:10000
Comment:	Unigene-Number: Hs.458425, Hs.524812 (NCBI Gene Symbol: GPR109B)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months

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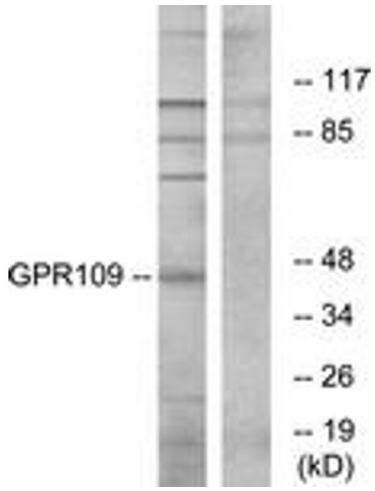
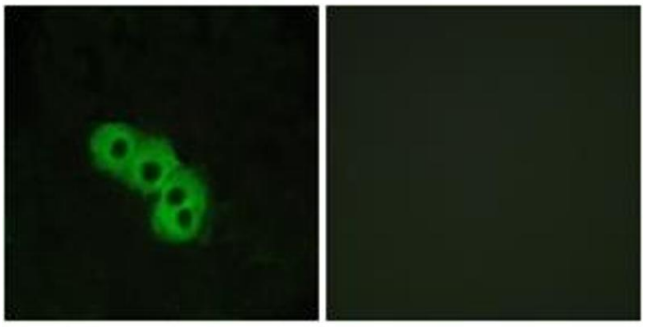


Western Blotting

Image 1. Western blot analysis of extracts from RAW264.7 cells, using GPR109 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF7 cells, using GPR109 Antibody. The picture on the right is treated with the synthesized peptide.