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Datasheet for ABIN1535626
anti-O3FAR1 antibody (AA 221-270)

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Overview

Quantity:	100 μL
Target:	O3FAR1
Binding Specificity:	AA 221-270
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This O3FAR1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GPR120.
Isotype:	IgG
Specificity:	GPR120 Antibody detects endogenous levels of total GPR120 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	O3FAR1
Alternative Name:	GPR120 (O3FAR1 Products)
Background:	Synonyms: G-protein coupled receptor 120, G-protein coupled receptor PGR4, G-protein coupled

Target Details

	receptor GT01, G-protein coupled receptor 129, GPR120, GPR129, PGR4, NCBI Gene Symbol: GPR120
Molecular Weight:	42 kDa
Gene ID:	338557
OMIM:	609044
UniProt:	Q5NUL3
Pathways:	Hormone Transport

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.677835 (NCBI Gene Symbol: GPR120)
Restrictions:	For Research Use only

Handling

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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
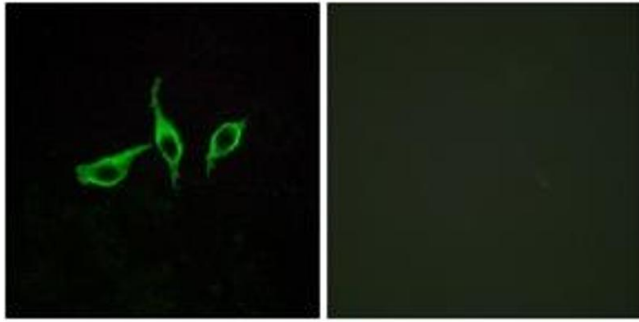
Images

Immunofluorescence

Image 1. Immunofluorescence analysis of LOVO cells, using GPR120 Antibody. The picture on the right is treated with the synthesized peptide.
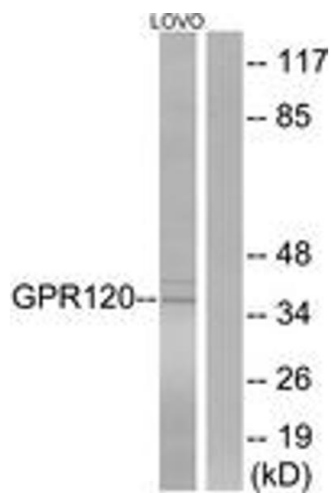
Western Blotting

Image 2. Western blot analysis of extracts from LOVO cells, using GPR120 Antibody. The lane on the right is treated with the synthesized peptide.