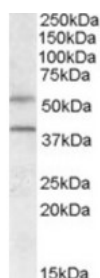




GPR81 Antibody

CATALOG NUMBER: 42-015



Western blot analysis of GPR81 in human liver lysate (35 ug protein in RIPA buffer) using GPR81 Antibody at 0.5g/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:8000. Western Blot: Approximately 40 kDa band observed in human liver lysates (calculated MW of 39.3 kDa according to NP_115943.1). Recommended concentration: 0.3-1 ug/mL. an additional band of unknown identity was also consistently observed at 55 kDa . This band was successfully blocked by incubation with the immunizing peptide.
POSITIVE CONTROL:	1) Cat. No. 1304 - Human Liver Tissue Lysate
IMMUNOGEN:	GPR81 antibody was raised against a 14 amino acid synthetic peptide near the Internal region of GPR81.
HOST SPECIES:	Goat

Properties

PURIFICATION:	GPR81 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	GPR81 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	GPR81, G protein-coupled receptor 81, FKSG80, GPR104, TA-GPCR, G protein-coupled receptor 104, T-cell activation G protein-coupled receptor, putative chemokine receptor, HCA1, GPR81, LACR1
ACCESSION NO.:	NP_115943.1
PROTEIN GI NO.:	14211851
OFFICIAL SYMBOL:	GPR81

GENE ID: 27198

Background

REFERENCES: 1) Cai TQ, Ren N, Jin L, Cheng K, Kash S, Chen R, Wright SD, Taggart AK, Waters MG, Role of GPR81 in lactate-mediated reduction of adipose lipolysis. Biochemical and biophysical research communications 2008 Dec 377 (3): 987-91.

FOR RESEARCH USE ONLY

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