

Datasheet for ABIN571000

**anti-GPR81 antibody (Internal Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	GPR81
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GPR81 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	GPR81 / FKSG80
Immunogen:	Peptide with sequence C-QQLARQARMKKATR, from the Internal region of the protein sequence according to NP_115943.1.
Sequence:	QQLARQARMK KATR
Isotype:	IgG
Cross-Reactivity:	Dog, Human, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	GPR81
Alternative Name:	HCAR1 ( <a href="#">GPR81 Products</a> )
Background:	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
Gene ID:	27198
NCBI Accession:	<a href="#">NP_115943</a>

## Application Details

Application Notes:	Western Blot: Approx 40 kDa band observed in Human Liver lysates (calculated MW of 39.3 kDa according to NP_115943.1). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. An additional band of unknown identity was also consistently observed. Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN571000 (0.5g/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.