

Datasheet for ABIN1714553  
**anti-GPR84 antibody (AA 1-100)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	GPR84
Binding Specificity:	AA 1-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR84 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GPR84
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Rat,Dog,Cow,Sheep,Horse,Monkey
Purification:	Purified by Protein A.

## Target Details

Target:	GPR84
Alternative Name:	GPR84 ( <a href="#">GPR84 Products</a> )
Background:	Synonyms: GPCR EX33, EX 33, EX33, G protein coupled receptor 84, G protein coupled receptor

## Target Details

EX 33, G protein coupled receptor EX33, G-protein coupled receptor 84, GPCR 4, GPCR4, GPR 84, GPR84, GPR84\_HUMAN, Inflammation related G protein coupled receptor EX 33, Inflammation related G protein coupled receptor EX33, Inflammation-related G-protein coupled receptor EX33, GPCR GPR84.

Background: G protein-coupled receptors (GPCRs), also designated seven transmembrane (7TM) receptors and heptahelical receptors, are a protein family which interact with G proteins (heterotrimeric GTPases) to synthesize intracellular second messengers such as diacylglycerol, cyclic AMP, inositol phosphates, and calcium ions. Their diverse biological functions range from vision and olfaction to neuronal and endocrine signaling and are involved in many pathological conditions. G protein receptor 84 (GPR84), a member of the GCPR 1 family, is an orphan GCPR expressed in bone marrow, brain, heart, muscle, colon, thymus, spleen, kidney, liver, placenta, intestine, lung and peripheral blood leukocytes. In activated T cells, GPR84 regulates early interleukin-4 (IL-4) gene expression.

Gene ID: 53831

UniProt: [Q9NQS5](#)

## Application Details

Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
FCM 1:20-100

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

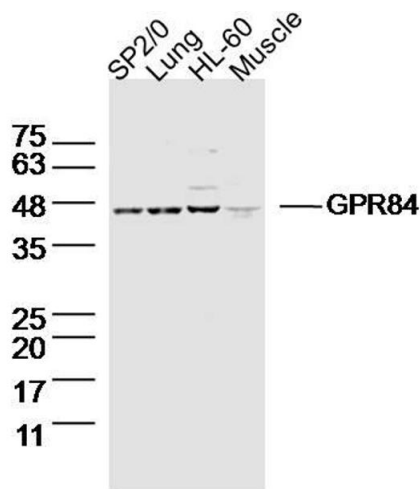
Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.



Western Blotting

**Image 1.** Lane 1: SP2/0 Cell lysates; Lane 2: Mouse lung lysates; Lane 3: HL-60 Cell lysates; Lane 4: Mouse muscle lysates; probed with GPR84 Polyclonal Antibody, unconjugated (bs-13507R) at 1:300 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.