

Datasheet for ABIN872750  
**anti-GPR55 antibody (AA 141-240)**

## 2 Images

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## Overview

Quantity:	100 µL
Target:	GPR55
Binding Specificity:	AA 141-240
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR55 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GPR55
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	GPR55
Alternative Name:	GPR55 ( <a href="#">GPR55 Products</a> )
Background:	Synonyms: LPIR1, G-protein coupled receptor 55, GPR55

## Target Details

Background: May be involved in hyperalgesia associated with inflammatory and neuropathic pain (By similarity). Receptor for L-alpha-lysophosphatidylinositol (LPI). LPI induces Ca(2+) release from intracellular stores via the heterotrimeric G protein GNA13 and RHOA. Putative cannabinoid receptor. May play a role in bone physiology by regulating osteoclast number and function.

Gene ID: 9290

UniProt: [Q9Y2T6](#)

## 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.

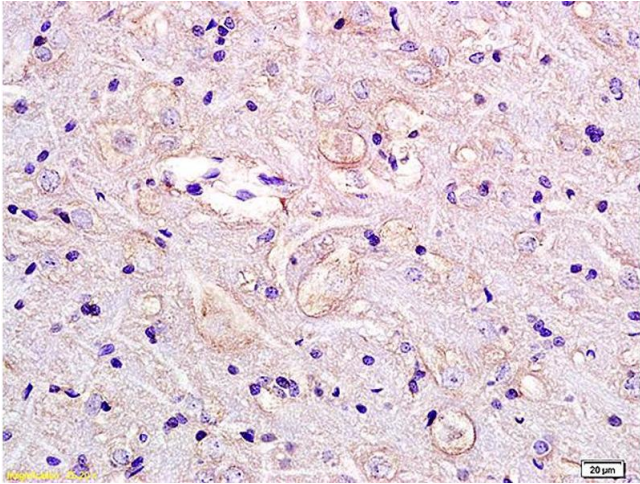
Preservative: ProClin

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

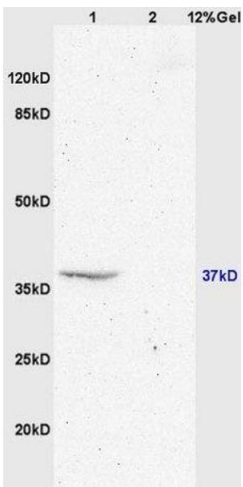
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Anti GPR55 Polyclonal Antibody, Unconjugated (ABIN872750) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



### Western Blotting

**Image 2.** Lane 1: mouse brain lysates Lane 2: mouse embryo lysates probed with Anti GPR55 Polyclonal Antibody, Unconjugated at 1:200 in 4°C. Followed by conjugation to secondary antibody -HRP) at 1:3000 90min in 37°C. Predicted band 37kD. Observed band size: 37kD.