

Datasheet for ABIN2174808

**anti-GPR37L1 antibody (AA 101-200) (Cy5)**[Go to Product page](#)

## Overview

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                  |
| Target:              | GPR37L1                                                                                                 |
| Binding Specificity: | AA 101-200                                                                                              |
| Reactivity:          | Human                                                                                                   |
| Host:                | Rabbit                                                                                                  |
| Clonality:           | Polyclonal                                                                                              |
| Conjugate:           | This GPR37L1 antibody is conjugated to Cy5                                                              |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human GPR37L1 |
| Isotype:              | IgG                                                         |
| Predicted Reactivity: | Human, Mouse                                                |
| Purification:         | Purified by Protein A.                                      |

## Target Details

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
| Target:           | GPR37L1                                                                                    |
| Alternative Name: | Gpr37l1 ( <a href="#">GPR37L1 Products</a> )                                               |
| Background:       | Synonyms: Endothelin B receptor-like protein 2, ET(B)R-LP-2, ETBR-LP-2, ETBR2, ETBRLP2, G- |

## Target Details

protein coupled receptor 37-like 1, GPR37L1, ETBR2\_HUMAN.

Background: G-protein coupled receptor. Has been shown to bind the neuroprotective and glioprotective factor prosaposin (PSAP), leading to endocytosis followed by an ERK phosphorylation cascade. However, other studies have shown that prosaposin does not increase activity. It has been suggested that GPR37L1 is a constitutively active receptor which signals through the guanine nucleotide-binding protein G(s) subunit alpha. Participates in the regulation of postnatal cerebellar development by modulating the Shh pathway. Regulates baseline blood pressure in females and protects against cardiovascular stress in males. Mediates inhibition of astrocyte glutamate transporters and reduction in neuronal N-methyl-D-aspartate receptor activity.

Gene ID: 9283

UniProt: [O60883](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months