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## Datasheet for ABIN2174801 **anti-GPR37L1 antibody (AA 101-200)**

### Overview

Quantity:	100 µL
Target:	GPR37L1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR37L1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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> )

## Target Details

Background:	<p>Synonyms: Endothelin B receptor-like protein 2, ET(B)R-LP-2, ETBR-LP-2, ETBR2, ETBRLP2, G-protein coupled receptor 37-like 1, GPR37L1, ETBR2_HUMAN.</p> <p>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.</p>
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Gene ID:	9283
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UniProt:	<a href="#">O60883</a>
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## Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## 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

Handling

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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months