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Datasheet for ABIN2174803

anti-GPR37L1 antibody (AA 101-200) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	GPR37L1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR37L1 antibody is conjugated to Alexa Fluor 488
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 (GPR37L1 Products)
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