

Anti-GPR31 Antibody, Rabbit Polyclonal

Synonyms: 12-(S)-hydroxy-5,8,10,14-eicosatetraenoic acid receptor

Basic Info

Catalog

PA01341MuA10

Host

Rabbit

Conjugate

None

Size

100 μ L

Concentration

2.0 mg/mL

Physical State

Liquid

Species Reactivity

Mouse

Immunogen

A synthetic peptide of mouse GPR31 protein; UniprotKB: 000270

Purification

Immunogen affinity purified

Applications

WB/IHC

Property

Form & Buffer: Supplied in PBS, 50% glycerol, PH7.4.

Specificity / Sensitivity: Anti-GPR31 Antibody, Rabbit Polyclonal recognizes endogenous levels of total GPR31 protein.

Usage and Storage

Shipped at 4°C.

Store at 4°C for frequent use.

Aliquot and store at -20°C for 12 months.

Avoid repeated freezing/thawing and violent shaking.

Please centrifuge it, before using.

Applications

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB: 0.5~5 μ g/mL

IF: 5~20 μ g/mL

IHC: 5~20 μ g/mL

ICC: 5~20 μ g/mL

QC Data

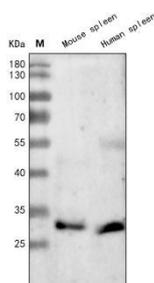


Figure 1. Application in WB

Western blot analysis of extracts of various cell lines and tissues, using GPR31 antibody (PA01341MuA10) at 1 μ g/mL. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Blocking buffer: 5% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 35 s.

QC Data

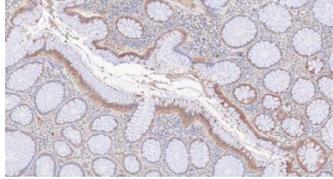


Figure 2. Application in IHC

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human colon cancer sections labelling GPR31 with purified PA01341MuA10 at 10 μ g/mL. Heat mediated antigen retrieval was performed using citrate buffer (pH 6.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB secondary antibody was used at 1/4000 dilution. PBS instead of the primary antibody was used as the negative control.

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