Product datasheet

Anti-GPCR GPR124 antibody ab198817

Overview

**Product name**  
Anti-GPCR GPR124 antibody

**Description**  
Rabbit polyclonal to GPCR GPR124

**Host species**  
Rabbit

**Tested applications**  
Suitable for: IHC-P, WB

**Species reactivity**  
Reacts with: Mouse, Human

**Predicted to work with:** Rat  
▲

**Immunogen**  
Synthetic peptide corresponding to Human GPCR GPR124 (internal sequence). NP_116166. Database link: Q96PE1

**Positive control**  
Mouse bladder tissue lysate; Human liver cancer tissue.

Properties

**Form**  
Liquid

**Storage instructions**  

**Storage buffer**  
pH: 7.30  
Preservative: 0.05% Sodium azide  
Constituents: 49% PBS, 50% Glycerol

**Purity**  
Immunogen affinity purified

**Clonality**  
Polyclonal

**Isotype**  
IgG

Applications

Our Abpromise guarantee covers the use of ab198817 in the following tested applications.

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

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<td>IHC-P</td>
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<td>1/100 - 1/300.</td>
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Target

Function
Endothelial receptor that acts as an essential regulator of CNS angiogenesis. Required for normal endothelial cell sprouting and migration in the forebrain and neural tube.

Tissue specificity
Expressed in endothelial cells (at protein level). Abundantly expressed in tumor vessels, heart, placenta, ovary, small intestine, and colon.

Sequence similarities
Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.
Contains 1 GPS domain.
Contains 1 Ig-like (immunoglobulin-like) domain.
Contains 4 LRR (leucine-rich) repeats.
Contains 1 LRRCT domain.
Contains 1 LRRNT domain.

Domain
Binds to DLG1 through its PDZ-binding motif.

Cellular localization
Cell membrane.

Images

Western blot - Anti-GPCR GPR124 antibody (ab198817) at 1/300 dilution + Mouse bladder tissue lysate at 40 µg

Predicted band size: 143 kDa

Exposure time: 40 seconds

Gel: 6% SDS-PAGE

Application | Abreviews | Notes
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Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue labeling GPCR GPR124 with ab198817 at a 1/40 dilution.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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