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Datasheet for ABIN7220942

anti-GPR124 antibody (AA 1120-1200)

Overview

Quantity:	100 µL
Target:	GPR124
Binding Specificity:	AA 1120-1200
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR124 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	GPR124 Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the C-terminal region of human GPR124 at AA range: 1120-1200
Isotype:	IgG
Specificity:	GPR124 Polyclonal Antibody detects endogenous levels of GPR124 protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	GPR124
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Target Details

Alternative Name:	GPR124 (GPR124 Products)
Background:	Rabbit Anti-GPR124 Polyclonal Antibody, GPR124, KIAA1531, TEM5, G-protein coupled receptor 124, Tumor endothelial marker 5, ADGRA2 (Adhesion G Protein-Coupled Receptor A2) is a Protein Coding gene. Among its related pathways are Integrins in angiogenesis. GO annotations related to this gene include G-protein coupled receptor activity and transmembrane signaling receptor activity. An important paralog of this gene is ADGRA1. Endothelial receptor which functions as a WNT7-specific coactivator of canonical Wnt signaling (By similarity). Required for normal endothelial cell sprouting and migration in the forebrain and neural tube (By similarity). Has a major role in establishing the blood-brain barrier (By similarity). Binds to the glycosaminoglycans heparin, heparin sulfate, chondroitin sulfate and dermatan sulfate (PubMed: 16982628)., G-protein coupled receptor 124
Molecular Weight:	observed band 145kDa
Gene ID:	25960
UniProt:	Q96PE1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), ELISA (1:10000). Not yet tested in other applications.
Comment:	Primary Antibody
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable for one year at -20°C from date of shipment. For maximum recovery of product,

centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.