



GPR126 Polyclonal Antibody

Catalog No	YP-Ab-13295
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	GPR126
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR126. AA range:431-480
Specificity	GPR126 Polyclonal Antibody detects endogenous levels of GPR126 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ADGRG6;APG1;DREG;G protein coupled receptor 126;GPR126;PS1TP2;VIGR; G-protein coupled receptor 126;Developmentally regulated G-protein-coupled receptor;Vascular inducible G protein-coupled receptor
Observed Band	145kD
Calculated Molecular Weight	145kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Detected on the cell surface of activated but not resting umbilical vein. .
Tissue Specificity	Expressed in placenta and to a lower extent in pancreas and liver. Detected in aortic endothelial cells but not in skin microvascular endothelial cells.
Function	function:Orphan receptor.,polymorphism:Genetic variations in GPR126 influences stature as a quantitative trait (STQTL) [MIM:606255]. Adult height is an easily observable and highly heritable complex continuous trait. Because of this, it is a model trait for studying genetic influence on quantitative traits., similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily., similarity:Contains 1 CUB domain.,similarity:Contains 1 GPS domain., similarity:Contains 1 pentaxin domain.,

Background

This gene, which is upregulated in human umbilical vein endothelial cells, encodes a G protein-coupled receptor. Variations in this gene can affect a person's stature. Multiple transcript variants encoding different proteins have been found for this gene. [provided by RefSeq, Mar 2009],

matters needing attention

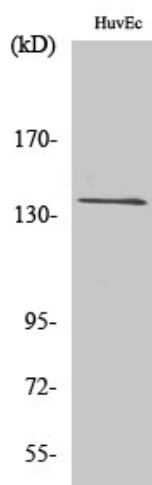
Avoid repeated freezing and thawing!

Usage suggestions

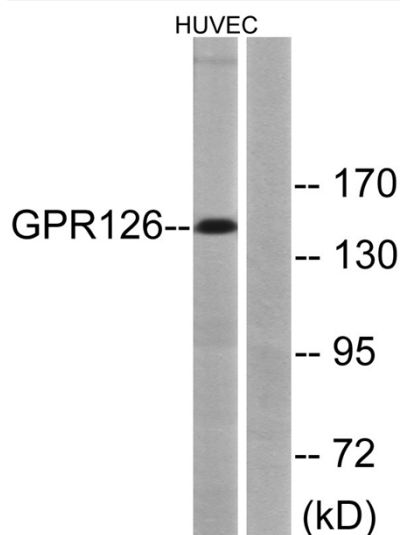
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



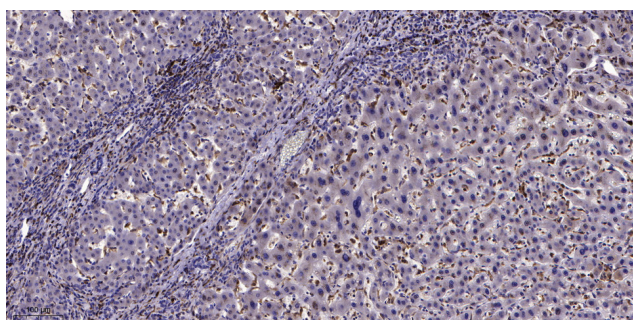
Products Images



Western Blot analysis of various cells using GPR126 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from HUVEC cells, using GPR126 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).