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## **GPR126 Polyclonal Antibody**

Catalog No	YP-Ab-13295
Isotype	lgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	GPR126
Protein Name	G-protein coupled receptor 126
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	GPR126; DREG; VIGR; G-protein coupled receptor 126; Developmentally regulated G-protein-coupled receptor; Vascular inducible G protein-coupled receptor
Observed Band	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



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have been found for this gene. [provided by RefSeq, Mar 2009],

matters needing Avo attention	id repeated freezing and thawing!
Usage suggestions This mor	product can be used in immunological reaction related experiments. For e information, please consult technical personnel.



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