

DREG Polyclonal Antibody

Catalog No :	YT1413
Reactivity :	Human;Mouse
Applications :	WB;IF;ELISA
Target :	DREG
Gene Name :	GPR126
Protein Name :	G-protein coupled receptor 126
Human Gene Id :	57211
Human Swiss Prot No :	Q86SQ4
Mouse Gene Id :	215798
Mouse Swiss Prot No :	Q6F3F9
Immunogen :	The antiserum was produced against synthesized peptide derived from human GPR126. AA range:1091-1140
Specificity :	DREG Polyclonal Antibody detects endogenous levels of DREG protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 140kD

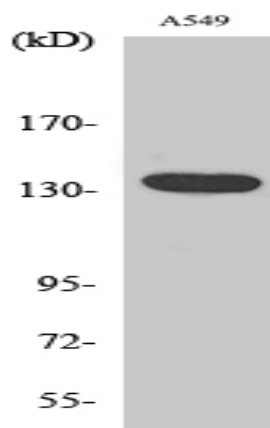
Background : This gene, which is upregulated in human umbilical vein endothelial cells, encodes a G protein-coupled receptor. Variations in this gene can affect a person's stature. Multiple transcript variants encoding different proteins have been found for this gene. [provided by RefSeq, Mar 2009],

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.,

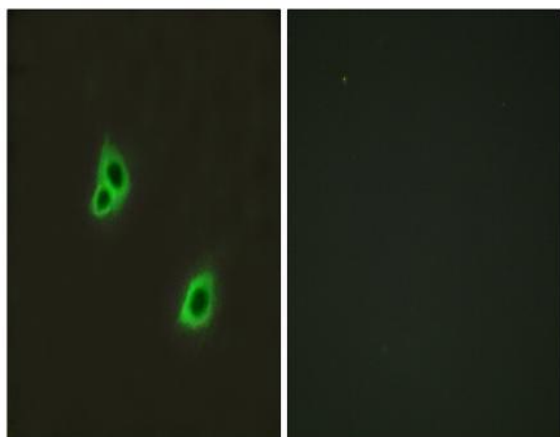
Subcellular Location : Cell membrane ; Multi-pass membrane protein . Detected on the cell surface of activated but not resting umbilical vein. .

Expression : Expressed in placenta and to a lower extent in pancreas and liver. Detected in aortic endothelial cells but not in skin microvascular endothelial cells.

Products Images



Western Blot analysis of various cells using DREG Polyclonal Antibody



Immunofluorescence analysis of HUVEC cells, using GPR126 Antibody. The picture on the right is blocked with the synthesized peptide.