

## GPR126 Polyclonal Antibody

<b>Catalog No :</b>	YT1967
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	GPR126
<b>Gene Name :</b>	GPR126
<b>Protein Name :</b>	G-protein coupled receptor 126
<b>Human Gene Id :</b>	57211
<b>Human Swiss Prot No :</b>	Q86SQ4
<b>Mouse Swiss Prot No :</b>	Q6F3F9
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human GPR126. AA range:431-480
<b>Specificity :</b>	GPR126 Polyclonal Antibody detects endogenous levels of GPR126 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	145kD

**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. .

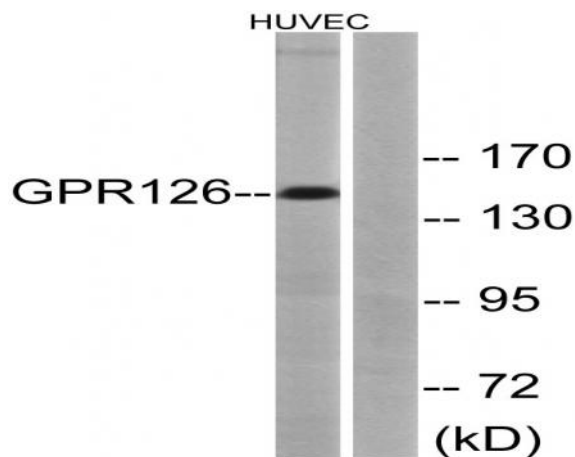
**Expression :**

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

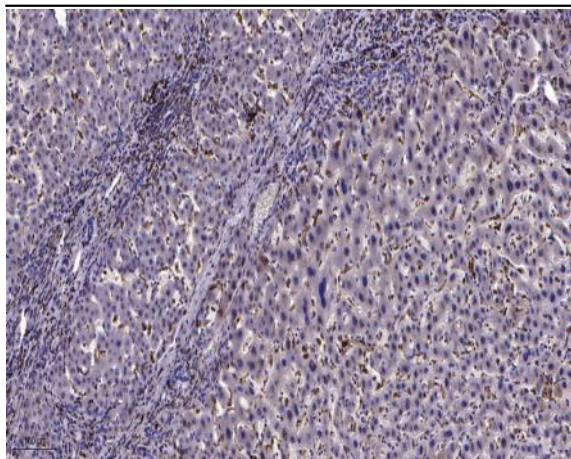
## Products Images



Western Blot analysis of various cells using 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).