



DREG Polyclonal Antibody

E20-71413**Catalog Number:**E20-71413**Amount:**100ul**Applications:**WB;IF;ELISA**Reactivity:**Human;Mouse**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)**Other Name:**GPR126;DREG;VIGR;G-protein coupled receptor 126;Developmentally regulated G-protein-coupled receptor;Vascular inducible G protein-coupled receptor**Observed Band(KD):**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.**For Research Use Only**

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.

