Anti-GPR126 Rabbit Polyclonal Antibody

Catalog #: 52100

Aliases

DREG; VIGR; G-protein coupled receptor 126; Developmentally regulated G-protein-coupled receptor; Vascular inducible G protein-coupled receptor

Background

Gene Name: GPR126
NCBI Gene Entry: 57211
UniProt Entry: Q86SQ4

Application Information

Molecular Weight: Predicted, 136 kDa; observed, 136 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human GPR126

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

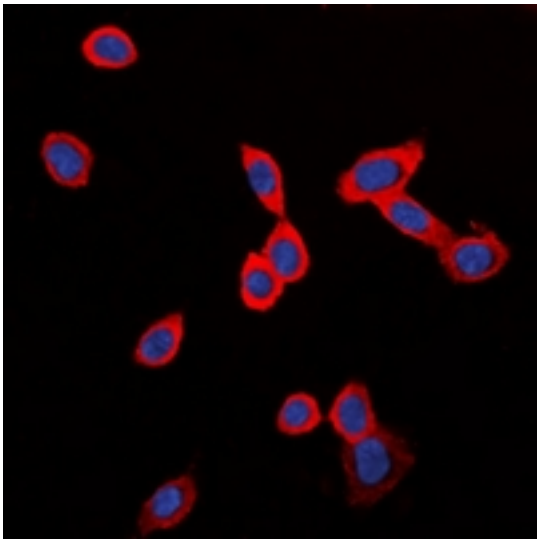
Store at -20 °C for one year.

Recommended Dilutions

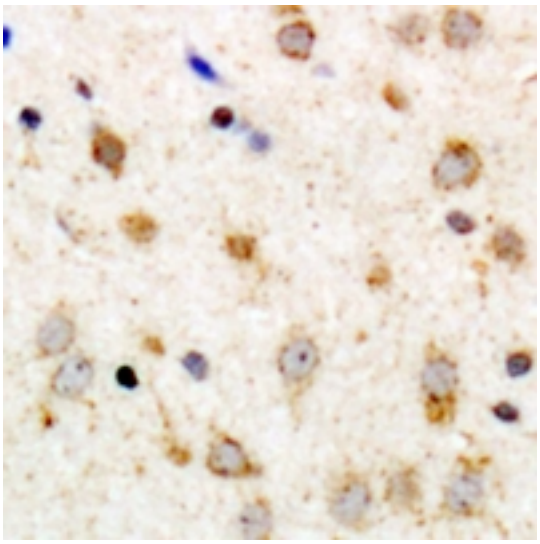
Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:100-1:200
Immunocytochemistry (IC): 1:100-1:500

Note: This product is for research use only.

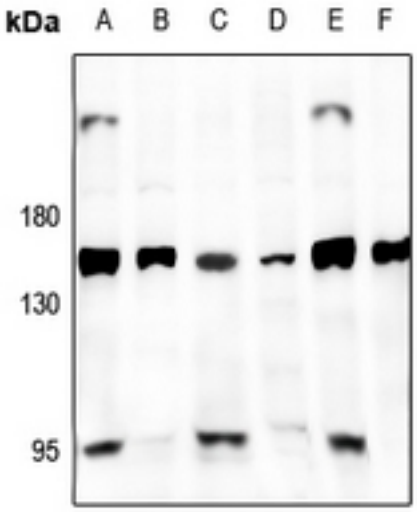
Validation Data



Immunocytochemical analysis of GPR126 staining in LOVO cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of GPR126 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of GPR126 expression in Beas2B (A), U87MG (B), HEK293T (C), NIH3T3 (D), MCF7 (E), SKOVCAR3 (F) whole cell lysates.