Anti-PLC gamma 1 Rabbit Polyclonal Antibody

Catalog #: 50563

Aliases

PLC1; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1; PLC-148; Phosphoinositide phospholipase C-gamma-1; Phospholipase C-II; PLC-II; Phospholipase C-gamma-1; PLC-gamma-1

Background

Gene Name: PLCG1
NCBI Gene Entry: 5335
UniProt Entry: P19174

Application Information

Molecular Weight: Predicted, 148 kDa; observed, 150 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, bovine, monkey
Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human PLC gamma 1

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.

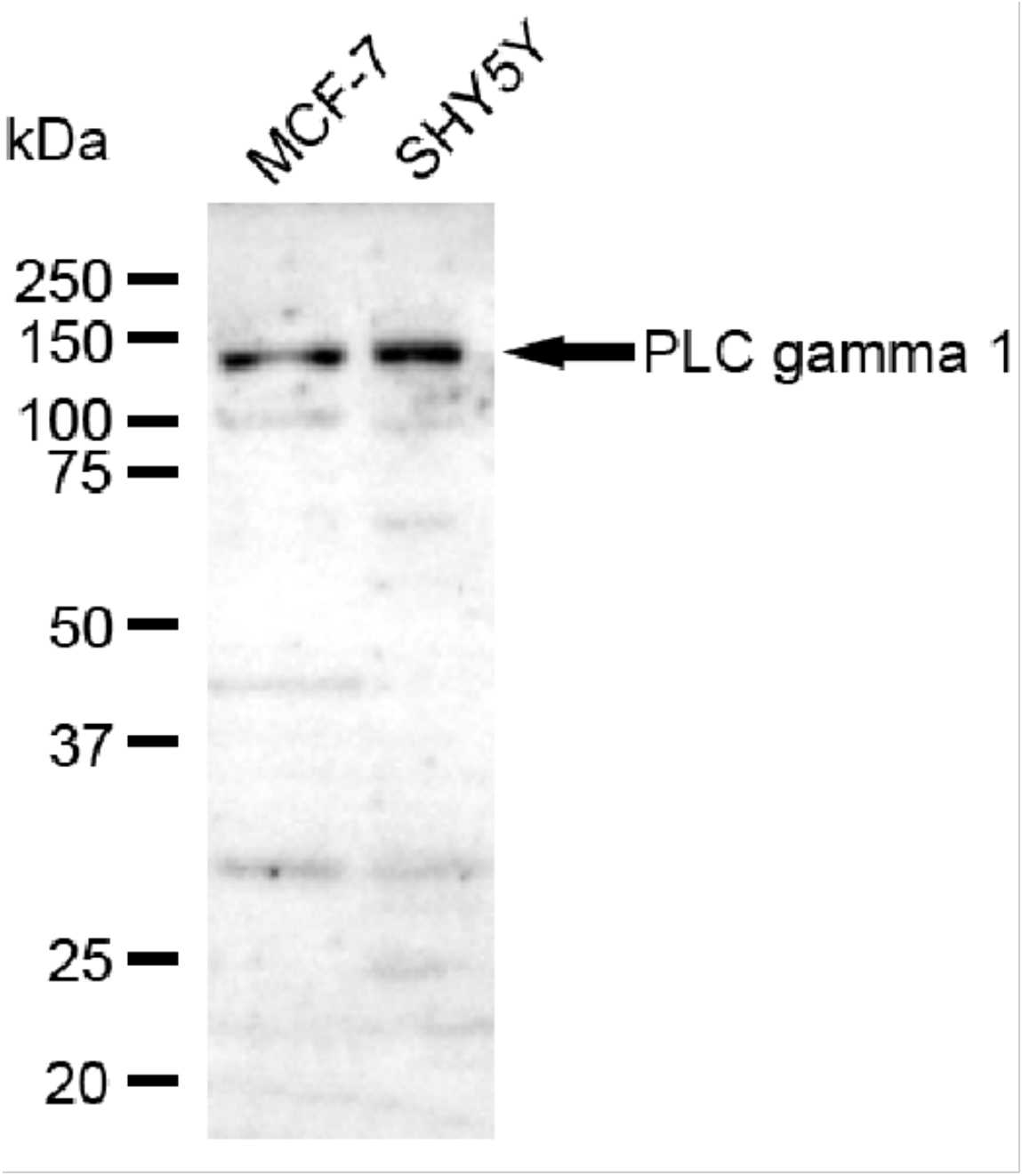
Recommended Dilutions

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

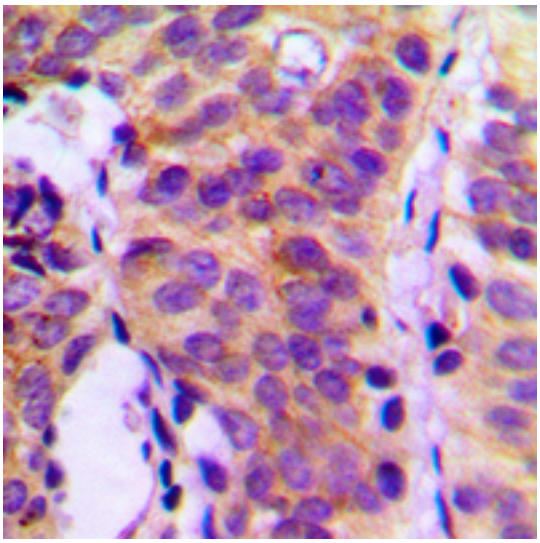
Note: This product is for research use only.

Validation Data

Anti-PLC gamma 1 Rabbit Polyclonal Antibody



Western blotting analysis using anti-PLC gamma 1 antibody (Cat#50563). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PLC gamma 1 antibody (Cat#50563, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunohistochemical analysis of PLC gamma 1 staining in human breast cancer 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.