

Anti-PLCB3 antibody

Cat. No.	ml262057
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-PLCB3 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human PLCB3
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	PLCB3
Full name	phospholipase C, beta 3

Synonyms

Swissprot Q01970

Target Background

This gene encodes a member of the phosphoinositide phospholipase C beta enzyme family that catalyze the production of the secondary messengers diacylglycerol and inositol 1,4,5-triphosphate from phosphatidylinositol in G-protein-linked receptor-mediated signal transduction. Alternative splicing results in multiple transcript variants.

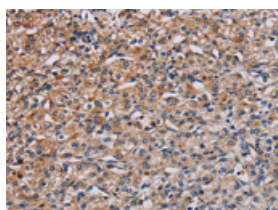
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human prostate cancer

Recommended dilution: 50-200

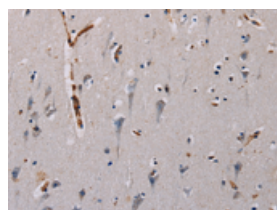


The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml262057(PLCB3 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml262057(PLCB3 Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 139 kDa

Positive control: PC3 and A431 cells, mouse lung tissue and Hela cells

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

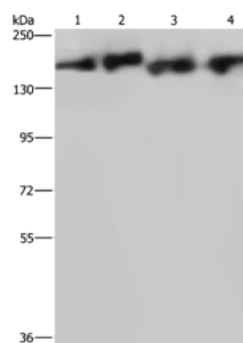
Lysate: 40 µg

Lane 1-4: PC3 cells, A431 cells, mouse lung tissue, Hela cells

Primary antibody: ml262057(PLCB3 Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



ELISA

Recommended dilution: 1000-2000

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