Anti- PKC δ (Phospho-Tyr313) Polyclonal Antibody

Catalog No.	Size
A100093-01	50 µl
A100093-02	100 µl

Specificity	Anti- PKC δ (Phospho-Tyr313) (human mouse rat)
Source	Rabbit Polyclonal
Application	WB ELISA IHC
Form	Liquid, 1 mg/ml

Pruduct

Swiss-Prot No.: Q05655

Other Names: EC 2.7.11.13, KPCD, PKC-delta, PRKCD, kinase PKC-delta, nPKC-delta

Specificity and Sensitivity

PKC δ (Phospho-Tyr313) antibody detects endogenous levels of PKC δ only when phosphorylated at tyrosine 313.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human PKC δ around the phosphorylation site of tyrosine 313 (G-I-Y^P-Q-G).

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:100 ELISA: 1:10000

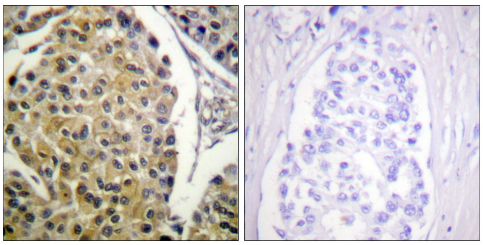
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

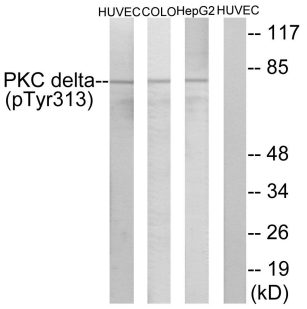
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using PKC δ (Phospho-Tyr313) antibody.



P-peptide - - - +

Western blot analysis of extracts from HuvEc cells, COLO cells and HepG2 cells, using PKC δ (Phospho-Tyr313) antibody.

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