



PTEN Polyclonal Antibody

E90106

Background: Tumor suppressor. Acts as a dual-specificity protein phosphatase, dephosphorylating tyrosine-, serine- and threonine-phosphorylated proteins. Also acts as a lipid phosphatase, removing the phosphate in the D3 position of the inositol ring from phosphatidylinositol 3,4,5-trisphosphate, phosphatidylinositol 3,4-diphosphate, phosphatidylinositol 3-phosphate and inositol 1,3,4,5-tetrakisphosphate with order of substrate preference in vitro .

Catalog Number: E90106

Amount: 100µg/100µl

Gene ID: 5278

Species: Rabbit

Immunogen: Recombinant 190-304aa of human PTEN.

Purification: Antigen affinity purification.

Storage: Store at 4°C or -20°C (with 50% glycerol); Minimize freeze-thaw cycles; Non-hazardous.

Formulation: Each vial at least contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.1% sodium azide.

Limitation: For research use only and are not intended for diagnostic or therapeutic use.

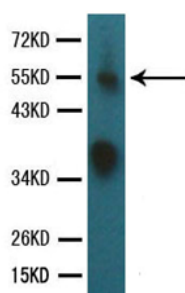
Isotope: Rabbit IgG

Species Reactivities: Human, Mouse, Rat.

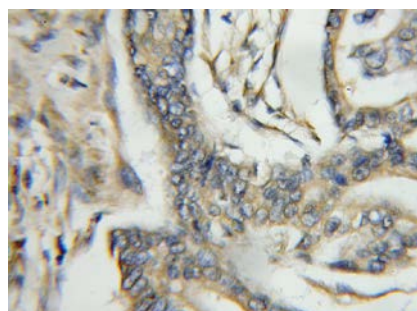
Tested Applications: WB, IHC, ELISA. Other applications have not been tested.

Application notes: WB: 1:500, IHC: 1:50-200

Western blot-PTEN antibody



PTEN antibody at 1/500 dilution
293 cell lysate
Predicted band size: 55KD
Observed band size: 55KD
Additional band at: 38KD



Immunohistochemistry of paraffin-embedded Breast cancer using PTEN Antibody

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