

PTEN Polyclonal Antibody

Catalog No. E-AB-19312

Note: Centrifuge before opening to ensure complete recovery of vial contents.

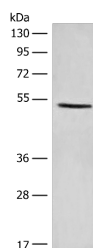
Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human PTEN
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

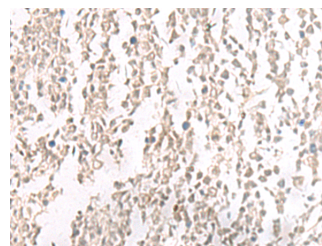
WB	1:500-1:2000
IHC	1:20-1:100

Data



Western blot analysis of NIH/3T3 cell lysate using PTEN Polyclonal Antibody at dilution of 1:1100

Observed Mw: Refer to figures
Calculated Mw: 47 kDa



Immunohistochemistry of paraffin-embedded Human tonsil tissue using PTEN Polyclonal Antibody at dilution of 1:25 (×200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

PTEN (also designated MMAC1), products of tumor suppressor genes, are found deleted in most human gliomas. The PTEN genes are also mutated in many other tumors, such as brain, breast, kidney and prostate cancers. PTEN is a protein tyrosine phosphatase that may terminate the signaling transduction pathways mediated by PI 3-kinase/Akt. PTEN has an apparent molecular weight of 55 kDa and it is located in the cytosol.

For Research Use Only