

PTEN Polyclonal Antibody

catalog number: E-AB-19312

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

Description

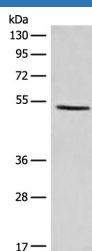
Reactivity	Human;Mouse
Immunogen	Synthetic peptide of human PTEN
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

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

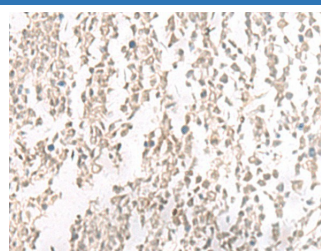
Data



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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.