PTEN Polyclonal Antibody

Catalog No. E-AB-40284

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

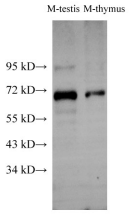
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant Human Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

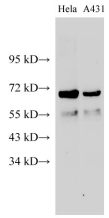
Applications Recommended Dilution

WB 1:500-1:1000 IHC
1:100-1:200 IF
1:100-1:400

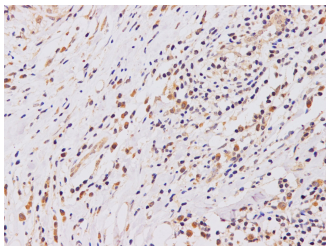
Data



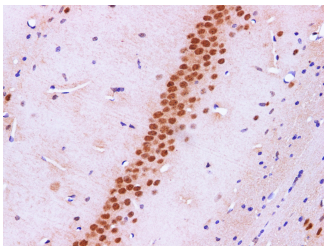
Western Blot analysis of Mouse testis and Mouse thymus using PTEN Polyclonal Antibody at dilution of 1:500
Observed Mw:68 kDa
Calculated Mw:65,47,20 kDa



Western Blot analysis of HeLa and A431 cells using PTEN Polyclonal Antibody at dilution of 1:500

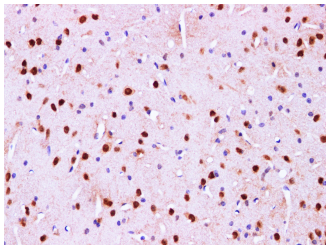


Immunohistochemistry of paraffin-embedded Human breast cancer using PTEN Polyclonal Antibody at dilution of 1:100

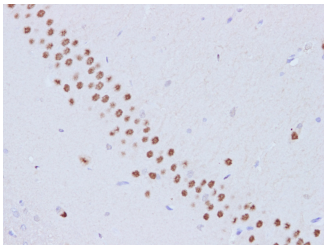


Immunohistochemistry of paraffin-embedded Mouse hippocampus using PTEN Polyclonal Antibody at dilution of 1:100

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com



Immunohistochemistry of paraffin-embedded Mouse brain using PTEN Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Rat hippocampus using PTEN Polyclonal Antibody at dilution of 1:100

Preparation & Storage

Storage Store at -20℃. 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.

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