

兔抗 PTEN 多克隆抗体

中文名称: 兔抗 PTEN 多克隆抗体

英文名称: Anti-PTEN rabbit polyclonal antibody

别 名: phosphatase and tensin homolog; BZS; DEC; CWS1; GLM2; MHAM; TEP1; MMAC1; PTEN1; 10q23del; PTENbeta

相关类别: 一抗

储 存: 冷冻(-20℃)

宿 主: Rabbit

抗 原: PTEN

反应种属: Human, Mouse

标 记 物: Unconjugate

克隆类型: rabbit polyclonal

技术规格

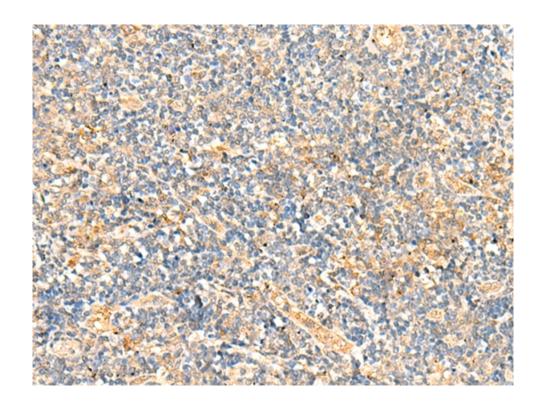
Background:

This gene was identified as a tumor suppressor that is mutated in a large number of cancers at high frequency . The protein encoded by this gene is a phosphatidylino sitol-3,4,5-trisphosphate 3-phosphatase. It contains a ten sin like domain as well as a catalytic domain similar to t hat of the dual specificity protein tyrosine phosphatases. Unlike most of the protein tyrosine phosphatases, this p rotein preferentially dephosphorylates phosphoinositide s ubstrates. It negatively regulates intracellular levels of ph osphatidylinositol-3,4,5-trisphosphate in cells and functions as a tumor suppressor by negatively regulating AKT/PKB signaling pathway. The use of a non-canonical (CU



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Analizations	G) upstream initiation site produces a longer isoform th at initiates translation with a leucine, and is thought to be preferentially associated with the mitochondrial inner membrane. This longer isoform may help regulate energ y metabolism in the mitochondria. A pseudogene of this gene is found on chromosome 9. Alternative splicing and the use of multiple translation start codons results in multiple transcript variants encoding different isoforms.
Applications:	ELISA, IHC
Name of antibody:	PTEN
Immunogen:	Synthetic peptide of human PTEN
Full name:	phosphatase and tensin homolog
Synonyms:	BZS; DEC; CWS1; GLM2; MHAM; TEP1; MMAC1; PTEN1; 10q23del; PTENbeta
SwissProt:	P60484
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human tonsil and Human esophagus cancer
IHC Recommend dilution:	25-100





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