

## 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 phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase. It contains a tensin like domain as well as a catalytic domain similar to that of the dual specificity protein tyrosine phosphatases. Unlike most of the protein tyrosine phosphatases, this protein preferentially dephosphorylates phosphoinositide substrates. It negatively regulates intracellular levels of phosphatidylinositol-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

	G) upstream initiation site produces a longer isoform that initiates translation with a leucine, and is thought to be preferentially associated with the mitochondrial inner membrane. This longer isoform may help regulate energy 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.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	PTEN
<b>Immunogen:</b>	Synthetic peptide of human PTEN
<b>Full name:</b>	phosphatase and tensin homolog
<b>Synonyms:</b>	BZS; DEC; CWS1; GLM2; MHAM; TEP1; MMAC1; PTEN1; 10q23del; PTENbeta
<b>SwissProt:</b>	P60484
<b>ELISA Recommended dilution:</b>	2000-5000
<b>IHC positive control:</b>	Human tonsil and Human esophagus cancer
<b>IHC Recommend dilution:</b>	25-100



