

## 兔抗 PTEN (Phospho-Ser380/Thr382/Thr383) 多克隆抗体

中文名称：兔抗 PTEN (Phospho-Ser380/Thr382/Thr383)多克隆抗体

英文名称：Anti-PTEN (Phospho-Ser380/Thr382/Thr383) rabbit polyclonal antibody

别名：BZS; DEC; CWS1; GLM2; MHAM; TEP1; MMAC1; PTEN1; 10q23del

相关类别：一抗

储存：冷冻（-20℃）避光

宿主：Rabbit

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

抗原：PTEN (Phospho-Ser380/Thr382/Thr383)

### 技术规格

#### Background:

Tumor suppressor. Acts as a dual-specificity protein phosphatase, dephosphorylating tyrosine-, serine- and threonine-phosphorylated proteins. Also acts as a lipid phosphatase, removing the phosphate in the D3 position of the inositol ring from phosphatidylinositol 3,4,5-trisphosphate, phosphatidylinositol 3,4-diphosphate, phosphatidylinositol 3-phosphate and inositol 1,3,4,5-tetrakisphosphate with order of substrate preference in vitro  $\text{PtdIns}(3,4,5)\text{P}_3 > \text{PtdIns}(3,4)\text{P}_2 >$

	PtdIns3P > Ins(1,3,4,5)P4. The lipid phosphatase activity is critical for its tumor suppressor function. Antagonizes the PI3K-AKT/PKB signaling pathway by dephosphorylating phosphoinositides and thereby modulating cell cycle progression and cell survival. The unphosphorylated form cooperates with AIP1 to suppress AKT1 activation. Dephosphorylates tyrosine-phosphorylated focal adhesion kinase and inhibits cell migration and integrin-mediated cell spreading and focal adhesion formation. May be a negative regulator of insulin signaling and glucose metabolism in adipose tissue.
<b>Applications:</b>	WB, IHC, IF
<b>Name of antibody:</b>	PTEN (Phospho-Ser380/Thr382/Thr383)
<b>Immunogen:</b>	Synthetic peptide of human PTEN (Phospho-Ser380/Thr382/Thr383)
<b>Full name:</b>	phosphatase and tensin homolog (Phospho-Ser380/Thr382/Thr383)
<b>Synonyms :</b>	BZS; DEC; CWS1; GLM2; MHAM; TEP1; MMAC1; PTEN1; 10q23del
<b>SwissProt:</b>	P60484
<b>IHC positive control:</b>	Human breast carcinoma
<b>IHC Recommend dilution:</b>	50-100
<b>WB Predicted band size:</b>	54 kDa
<b>WB Positive control:</b>	Hela cells
<b>WB Recommended dilution:</b>	500-1000
<b>IF Positive control:</b>	Hela cells
<b>IF Recommended dilution</b>	100-200



