

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 PtdIns(3,4,5)P3 > PtdIns(3,4)P2 > 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 pho

	sphoinositides and thereby modulating cell cycle progressi on and cell survival. The unphosphorylated form cooperate s with AIP1 to suppress AKT1 activation. Dephosphorylates tyrosine-phosphorylated focal adhesion kinase and inhibits cell migration and integrin-mediated cell spreading and foc al adhesion formation. May be a negative regulator of insu lin signaling and glucose metabolism in adipose tissue.
Applications:	WB, IHC, IF
Name of antibody:	PTEN (Phospho-Ser380/Thr382/Thr383)
Immunogen:	Synthetic peptide of human PTEN (Phospho-Ser380/Thr382/ Thr383)
Full name:	phosphatase and tensin homolog (Phospho-Ser380/Thr382/ Thr383)
Synonyms :	BZS; DEC; CWS1; GLM2; MHAM; TEP1; MMAC1; PTEN1; 10 q23del
SwissProt:	P60484
IHC positive control:	Human breast carcinoma
IHC Recommend dilution:	50-100
WB Predicted band size:	54 kDa
WB Positive control:	Hela cells
WB Recommended dilution:	500-1000
IF Positive control:	Hela cells
IF Recommended dilution	100-200



