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 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.
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; 10q23del
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