

PTEN (Phospho-Ser380) Antibody

Catalog Number: E011009-1, E011009-2 **Amount:** 50μg/50μl, 100μg/100μl

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl,

0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human

PTEN around the phosphorylation site of serine 380 (R-Y-S^P-D-T).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatogramphy using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: PTEN (phospho-Ser380) antibody detects endogenous levels of PTEN only when

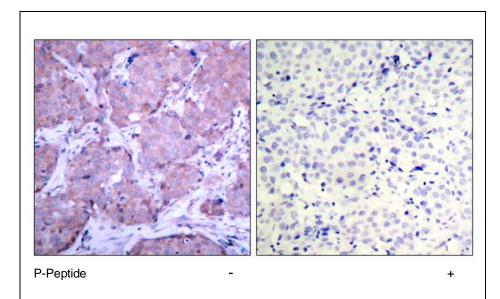
phosphorylated at serine 380.

Reactivity: Human, Mouse, Rat **Applications:** IHC: 1:50~1:100

Swiss-Prot No.: P60484

References: Al-Khouri AM, et al. (2005). J Biol Chem.280(42):35195-35202.

Torres J, et al. (2001). J Biol Chem.276(2): 993-998. Vazquez F, et al. (2000). Mol Cell Biol.20(14): 5010-5018.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PTEN (phospho-Ser380) antibody (E011009).