

PTEN (phospho Ser385) antibody

Cat. No. GTX13590

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	Human

Package

50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent

Not tested in other applications.

Calculated MW 47 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from a region of human PTEN that contains serine 385. The sequence is conserved in mouse and rat.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

Note

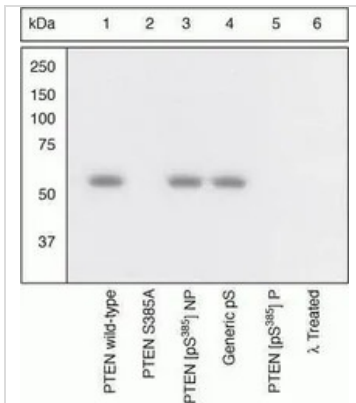
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DATA IMAGES



GTX13590 WB Image

WB (peptide competition) analysis of HEK293 cells transiently transfected with WT PTEN (Lane 1, 3-6) or mutant S385A (Lane 2) using GTX13590 PTEN (phospho Ser385) antibody prior incubated with the non-phosphopeptide corresponding to the immunogen (Lane 3), a generic phosphoserine-containing peptide (Lane 4), or the phosphopeptide immunogen (Lane 5). The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody. The membrane treated with phosphatase (Lane 6) eliminates the signal further verifying that the antibody is phospho-specific.



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