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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

PTEN (Human) IP-WB Antibody Pair

Catalog # : H00005728-PW3

規格 : [1 Set]

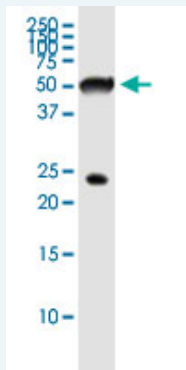
List All

Specification

Product Description: This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.

Reactivity: Human

Quality Control Testing: Immunoprecipitation-Western Blot (IP-WB)



Immunoprecipitation of PTEN transfected lysate using mouse monoclonal anti-PTEN and Protein A Magnetic Bead (U000Z), and immunoblotted with mouse purified polyclonal anti-PTEN.

Supplied Product: Antibody pair set content:
1. Antibody pair for IP: mouse monoclonal anti-PTEN (300 ug)
2. Antibody pair for WB: mouse purified polyclonal anti-PTEN (50 ug)

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

Immunoprecipitation-Western Blot

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5728](#)

Gene Name: PTEN

Gene Alias: 10q23del,BZS,MGC11227,MHAM,MMAC1,PTEN1,TEP1

Gene Description: phosphatase and tensin homolog

Omim ID: [137800](#), [153480](#), [158350](#), [174900](#), [176807](#), [176920](#), [188470](#), [276950](#), [601728](#), [605309](#), [607174](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene was identified as a tumor suppressor that is mutated in a large number of cancers at high frequency. The protein encoded this gene is a phosphatidylinositol-3,4,5-trisphosphate 3-phosphatase. It contains a tensin like domain as well as a catalytic domain similar to that of the dual specificity protein tyrosine phosphatases. Unlike most of the protein tyrosine phosphatases, this protein preferentially dephosphorylates phosphoinositide substrates. It negatively regulates intracellular levels of phosphatidylinositol-3,4,5-trisphosphate in cells and functions as a tumor suppressor by negatively regulating AKT/PKB signaling pathway. [provided by RefSeq]

Other Designations: MMAC1 phosphatase and tensin homolog deleted on chromosome 10, OTTHUMP00000020032, mutated in multiple advanced cancers 1

Gene Pathway

[Endometrial cancer](#) [Focal adhesion](#) [Glioma](#) [Inositol phosphate metabolism](#) [Melanoma](#) [p53 signaling pathway](#) [Pathways in cancer](#) [Phosphatidylinositol signaling system](#) [Prostate cancer](#) [Small cell lung cancer](#) [Tight junction](#)

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