



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## PTEN (Human) IP-WB Antibody Pair

Catalog # : H00005728-PW5

規格 : [ 1 Set ]

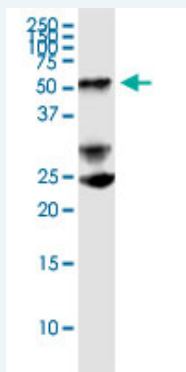
List All

### 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](#)

### Related Disease

[Abnormalities, Multiple](#) [Adenocarcinoma](#) [Adenocarcinoma, Papillary](#) [Alzheimer Disease](#) [Alzheimer disease](#) [Astrocytoma](#) [Autistic Disorder](#) [Brain Neoplasms](#) [Breast cancer](#) [Breast Neoplasms](#) [Carcinoma, Endometrioid](#) [Carcinoma, Squamous Cell](#) [Cardiovascular Diseases](#) [Cleft Lip](#) [Cleft Palate](#) [Colon cancer](#) [Colonic Neoplasms](#) [Colorectal Neoplasms](#) [Craniofacial Abnormalities](#)

... see more

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.