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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PTEN polyclonal antibody (A01)

Catalog # : H00005728-A01

規格 : [50 uL]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant PTEN.

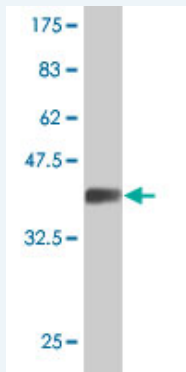
Immunogen: PTEN (AAH05821, 221 a.a. ~ 320 a.a) partial recombinant protein with GST tag.

Sequence: KVKIYSSNSGPTRRREDKFMFYFEFPQPLPVCGLDIKVEFFHKQNKMLKKDK MFHFWVNTFFIPGPEETSEKVENGSLCDQEIDSICSIERADNDKEYLVLT

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37 KDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5728](#)

GeneBank Accession#: [BC005821](#)

Application Image

Western Blot (Recombinant protein)

ELISA

Protein [AAH05821](#)

Accession#:

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](#)

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