

Rabbit PTEN Polyclonal Antibody | anti-PTEN antibody

PTEN Polyclonal Antibody

CATALOG # AAA174391	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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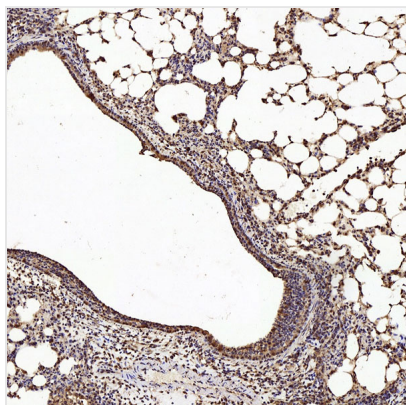
PRODUCT SYNONYMS

PTEN; Polyclonal Antibody; PTEN Polyclonal Antibody; 10q23del; BZS; DEC; GLM2; MGC11227; MHAM; MMAC1; MMAC1 phosphatase and tensin homolog deleted on chromosome 10; Mutated in multiple advanced cancers 1; Phosphatase and tensin homolog; Phosphatase and tensin like protein; Phosphatidylinositol 3; 4; 5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN; Pten; PTEN1; TEP1; anti-PTEN antibody

PRODUCT SPECIFICATIONS

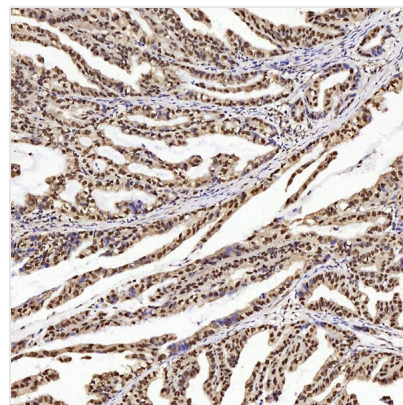
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	480 mug/mL (varies by lot)
Sequence Length	576
Applicable Applications for anti-PTEN antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse PTEN
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse lung using PTEN Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human stomach using PTEN Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-PTEN antibody	PTEN (also designated MMAC1), products of tumor suppressor genes, are found deleted in most human gliomas. The PTEN genes are also mutated in many other tumors, such as brain, breast, kidney and prostate cancers. PTEN is a protein tyrosine phosphatase that may terminate the signaling transduction pathways mediated by PI 3-kinase/Akt. PTEN has an apparent molecular weight of 55 kDa and it is located in the cytosol.
Product Categories/Family for anti-PTEN antibody	Cancer; Cell Biology; Epigenetics and Nuclear Signaling; Metabolism; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	73765544
NCBI GeneID	5728
NCBI Accession #	NP_000305.3
NCBI GenBank Nucleotide #	NM_000314.7
UniProt Accession #	P60484; O00633; O02679; Q6ICT7; B2R904; F2YHV0
Molecular Weight	64,882 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN isoform PTEN
NCBI Official Synonym Full Names	phosphatase and tensin homolog
NCBI Official Symbol	PTEN
NCBI Official Synonym Symbols	BZS; DEC; CWS1; GLM2; MHAM; TEP1; MMAC1; PTEN1; 10q23del; PTENbeta
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN
UniProt Gene Name	PTEN
UniProt Synonym Gene Names	MMAC1; TEP1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pten-antibody-immunohistochemistry-elisa/174391>