

Rabbit anti-Human PTEN Polyclonal Antibody | anti-PTEN antibody

Rabbit anti-PTEN IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213974	Rabbit	Human	Immunohistochemistry, Immunohistochemistry

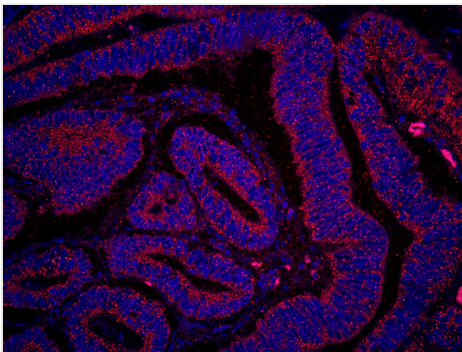
PRODUCT SYNONYMS

PTEN; Polyclonal Antibody; Rabbit anti-PTEN IHC Antibody; Affinity Purified; mutated in multiple advanced cancers 1; mitochondrial phosphatase and tensin protein alpha; TEP1; PTENbeta; PTEN1; protein tyrosine phosphatase; phosphatidylinositol-3; 4; 5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN; phosphatidylinositol 3; phosphatase and tensin-like protein; Phosphatase and tensin homolog; 10q23del; mitochondrial PTENalpha; MHAM; GLM2; DEC; CWS1; BZS; MMAC1; MMAC1 phosphatase and tensin homolog deleted on chromosome 10; Phosphatidylinositol 3; phosphatase and tensin homolog; anti-PTEN antibody

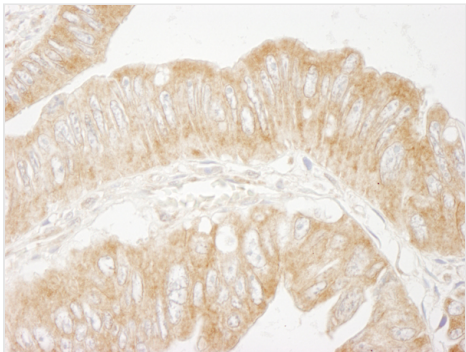
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-PTEN antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Mouse, Chicken, Turkey, Bovine, Dog, Horse, Rabbit, Pig, Panda, Orangutan, Monkey, Gorilla, Chimpanzee, White-tufted-ear marmoset, Crab-eating macaque, African elephant, Ferret, Duckbill platypus, Thirteen-lined ground squirrel, Little brown bat, Green anole, Naked mole rat, Gray short-tailed opossum, Tasmanian devil, Small-eared galago, Domestic water buffalo, Zebra finch, Northern white-cheeked gibbon
Immunogen	Between 353 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

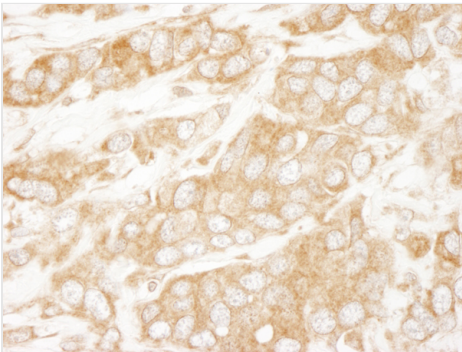
IMAGES



IHC (Immunohistochemistry)
Detection of human PTEN by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-PTEN (Cat. No. AAA213974) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.



IHC (Immunohistochemistry)
Detection of human PTEN by immunohistochemistry. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-PTEN (Cat. No. AAA213974) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)
Detection of human PTEN by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-PTEN (Cat. No. AAA213974) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PTEN antibody	PTEN (phosphatase and tensin homolog) is a phosphatidylinositol-3,4,5-triphosphate 3-phosphatase that has been identified as a tumor suppressor. PTEN is a dual specificity tyrosine and serine/threonine phosphatase that preferentially dephosphorylates phosphoinositide substrates and negatively regulates the AKT/PKB signaling pathway. Through its action, PTEN has been shown to modulate cell cycle progression, cell survival, cell migration, cell adhesion, and insulin signaling.
Product Categories/Family for anti-PTEN antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	73765544
NCBI GeneID	5728
NCBI Accession #	NP_000305.3
NCBI GenBank Nucleotide #	NM_000314.4
UniProt Accession #	P60484 ; O00633 ; O02679 ; Q6ICT7 ; B2R904
Molecular Weight	47,166 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase 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
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN; phosphatase and tensin-like protein; mutated in multiple advanced cancers 1; MMAC1 phosphatase and tensin homolog deleted on chromosome 10; phosphatidyli
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
UniProt Entry Name	PTEN_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/pten-antibody-immunohistochemistry-immunohistochemistry-elisa/213974>