

Rabbit PTEN Polyclonal Antibody | anti-PTEN antibody

PTEN Polyclonal Antibody

CATALOG # AAA268797	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

PTEN; Polyclonal Antibody; PTEN Polyclonal Antibody; 10q23del; BZS; CWS1; DEC; GLM2; MHAM; MMAC1; PTEN1; TEP1; PTENbeta; 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, 50% glycerol, pH7.3.
Sequence	GTCNPQFVVC QLKVKIYSSN SGPTRREDKF MYFEFPQPLP VCGDIKVEFF HKQNKMLKDD KMFHFWVNTF FIPGPEETSE KVENGSLCDQ EIDSICSIER ADNDKEYLVL TLTKNDLDKA NKDKANRYFS PNFVKVLYFT KTVEEPSNPE ASSSTSVTPD VSDNEPDHYD SDDDDSDP
Sequence Length	403
Applicable Applications for anti-PTEN antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 209-403 of human PTEN (NP_000305.3).
Positive sample	HeLa, Mouse liver, Mouse intestine, Mouse spleen, Rat liver
Cell localization	Cytoplasm, Nucleus, PML body, Secreted
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PTEN antibody (AAA268797) at dilution of 1: 100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PTEN antibody at 1: 1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H + L) at 1: 10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73765544
NCBI GeneID	5728

NCBI Accession #	NP_000305.3
NCBI GenBank Nucleotide #	NP_000305.3
UniProt Accession #	P60484
Molecular Weight	Theoretical molecular weight: 19kDa/47kDa/64kDa Actual molecular weight: 58kDa
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pten-antibody-immunofluorescence-western-blot-elisa/268797>