

Rabbit PTEN Polyclonal Antibody | anti-PTEN antibody

Anti-PTEN (pS380/T382/T383) Phospho Antibody

CATALOG # AAA261314	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Dog, Zebrafish	APPLICATIONS Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot
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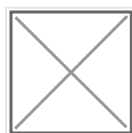
PRODUCT SYNONYMS

PTEN; Polyclonal Antibody; Anti-PTEN (pS380/T382/T383) Phospho Antibody; MMAC1; TEP1; Phosphatidylinositol 3; 4; 5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN; Mutated in multiple advanced cancers 1; Phosphatase and tensin homolog; anti-PTEN antibody

PRODUCT SPECIFICATIONS

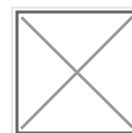
Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PTEN (pS380/T382/T383) protein.
Purity/Purification	The antibody was purified by affinity chromatography.
Form/Format	Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% Sodium Azide.
Sequence Length	403
Applicable Applications for anti-PTEN antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PTEN. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



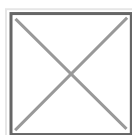
IF (Immunofluorescence)

Immunofluorescent analysis of p38 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of p38 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of p38 expression in Jurkat (A), HepG2 (B), K562 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PTEN antibody	Rabbit polyclonal antibody to PTEN (pS380/T382/T383)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42560209
NCBI GeneID	5728
UniProt Accession #	P60484; O00633; O02679; Q6ICT7; B2R904; F2YHV0
Molecular Weight	19,796 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
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://stage.aaabiotech.com/polyclonal/pten-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/261314>