

Rabbit anti-Human PCOTH Polyclonal Antibody | anti-C1QTNF9B-AS1 antibody

PCOTH Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287028	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PCOTH; Polyclonal Antibody; PCOTH Antibody (Center); Prostate collagen triple helix protein; C1QTNF9B antisense RNA 1; C1QTNF9B antisense gene protein 1; C1QTNF9B-AS1; anti-C1QTNF9B-AS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PCOTH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-42 amino acids from the Central region of human PCOTH.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	14-42
Sequence Length	107
Applicable Applications for anti-C1QTNF9B-AS1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

PCOTH Antibody (Center) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

PCOTH antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PCOTH antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PCOTH Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the PCOTH antibody detected the PCOTH protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-C1QTNF9B-AS1 antibody	May be involved in growth and survival of prostate cancer cells through the TAF-Ibeta pathway.
Product Categories/Family for anti-C1QTNF9B-AS1 antibody	Cancer
References	Anazawa, Y., et al. Cancer Res. 65(11):4578-4586(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62234340
NCBI GeneID	542767
NCBI Accession #	NP_001014442.2
NCBI GenBank Nucleotide #	NM_001014442.2
UniProt Accession #	Q58A44
Molecular Weight	10968
NCBI Official Full Name	prostate collagen triple helix protein isoform 1
NCBI Official Synonym Full Names	C1QTNF9B antisense RNA 1
NCBI Official Symbol	C1QTNF9B-AS1
NCBI Official Synonym Symbols	PCOTH
NCBI Protein Information	prostate collagen triple helix protein
UniProt Protein Name	Prostate collagen triple helix protein
UniProt Gene Name	C1QTNF9B-AS1
UniProt Synonym Gene Names	PCOTH
UniProt Entry Name	PCOTH_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/pcoth-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287028>