

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

APCS Antibody (C-term)

CATALOG # AAA285493	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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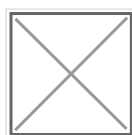
PRODUCT SYNONYMS

APCS; Polyclonal Antibody; APCS Antibody (C-term); Serum amyloid P-component; SAP; 95S alpha-1-glycoprotein; Serum amyloid P-component(1-203); PTX2; anti-APCS antibody

PRODUCT SPECIFICATIONS

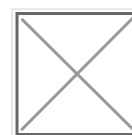
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This APCS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 151-178 amino acids from the C-terminal region of human APCS.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	151-178
Sequence Length	223
Applicable Applications for anti-APCS antibody	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



IHC (Immunohistochemistry)

APCS antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the APCS antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

APCS Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the APCS antibody detected the APCS protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-APCS antibody	The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable sequence homology which is thought to be the result of gene duplication. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo.
Product Categories/Family for anti-APCS antibody	Cardiovascular; Neuroscience
References	Song, Z., et al. Atherosclerosis 211(1):90-95(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) McGeachie, M., et al. Circulation 120(24):2448-2454(2009) Lu, J., et al. Nature 456(7224):989-992(2008) Verwey, N.A., et al. Dement Geriatr Cogn Disord 26(6):522-527(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502133
NCBI GeneID	325
NCBI Accession #	NP_001630.1
NCBI GenBank Nucleotide #	NM_001639.3
UniProt Accession #	P02743
Molecular Weight	25387
NCBI Official Full Name	serum amyloid P-component
NCBI Official Synonym Full Names	amyloid P component, serum
NCBI Official Symbol	APCS
NCBI Official Synonym Symbols	SAP; PTX2; HEL-S-92n
NCBI Protein Information	serum amyloid P-component
UniProt Protein Name	Serum amyloid P-component
UniProt Gene Name	APCS
UniProt Synonym Gene Names	PTX2; SAP
UniProt Entry Name	SAMP_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.