

Rabbit APCS Polyclonal Antibody | anti-APCS antibody

APCS antibody - N-terminal region

CATALOG # AAA199029	HOST Rabbit	REACTIVITY Guinea Pig, Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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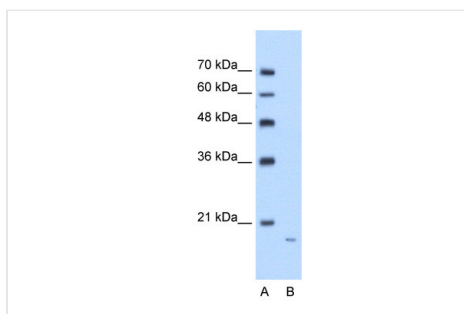
PRODUCT SYNONYMS

APCS; Polyclonal Antibody; APCS antibody - N-terminal region; anti-APCS antibody

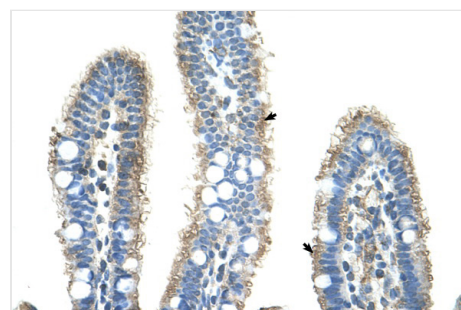
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Guinea Pig, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: NF TLCSFRAYSDLSRLSYLSFYN TQGRDNELLV YKERVGEYSL YIGRHKVT
Sequence Length	223
Applicable Applications for anti-APCS antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Guinea Pig: 86%; Human: 100%; Mouse: 77%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human APCS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-APCS Antibody Titration: 1.25ug/ml Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Rabbit Anti-APCS Antibody Paraffin Embedded Tissue: Human Intestine Cellular Data: Epithelial cells of intestinal villi Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-APCS antibody	This is a rabbit polyclonal antibody against APCS. It was validated on Western Blot and immunohistochemistry Target Description: APCS 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 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. 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. This gene has multiple polyadenylation sites.
Product Categories/Family for anti-APCS antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Chromatin & Nuclear Signaling; Epigenetics; DNA/RNA/Protein Interactions; Tissue Specific & Cell Marker; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502133
NCBI GeneID	325
NCBI Accession #	NP_001630
NCBI GenBank Nucleotide #	NM_001639
UniProt Accession #	P02743
Molecular Weight	25kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/apcs-antibody-western-blot-immunohistochemistry-elisa/199029>