



# Anti-APCS (aa 117-223) polyclonal antibody (DPAB-DC1606)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	APCS (NP_001630, 117 a.a. ~ 223 a.a) partial recombinant protein with GST tag. The sequence is WESSSGIAEFWINGTPLVKKGLRQGYFVEAQP KIVLGQE QDSYGGKFDRSQSFVGEIGDL YMWDSVLPPENILSAYQGTPLPANILDWQALNYEIRGYVIKPLVWV
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">APCS amyloid P component, serum [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	APCS
<b>Synonyms</b>	APCS; amyloid P component, serum; SAP; PTX2; HEL-S-92n; serum amyloid P-component; pentaxin-related; 9.5S alpha-1-glycoprotein; epididymis secretory sperm binding protein Li 92n;
<b>Entrez Gene ID</b>	<a href="#">325</a>
<b>Protein Refseq</b>	<a href="#">NP_001630</a>
<b>UniProt ID</b>	<a href="#">P02743</a>
<b>Chromosome Location</b>	1q21-q23
<b>Pathway</b>	Amyloids;
<b>Function</b>	calcium ion binding; complement component C1q binding; unfolded protein binding; virion binding