Anti-APCS (full length) polyclonal antibody (DPAB-DC1605)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	APCS (AAH07058, 1 a.a. ~ 223 a.a) full-length recombinant protein with GST tag. The sequence is MNKPLLWISVLTSLLEAFAHTDLSGKVFVFPRESVTDHVNLITPLEKPLQNFTLCFRAYS DLSRAYSLFSYNTQGRDNELLVYKERVGEYSLYIGRHKVTSKVIEKFPAPVHICVSWESS SGIAEFWINGTPLVKKGLRQGYFVEAQPKIVLGQEQDSYGGKFDRSQSFVGEIGDLYMWD SVLPPENILSAYQGTPLPANILDWQALNYEIRRYVIIKPLVWV
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	APCS amyloid P component, serum [Homo sapiens (human)]
Official Symbol	APCS
Synonyms	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;
Entrez Gene ID	325
Protein Refseq	NP_001630
UniProt ID	P02743
Chromosome Location	1q21-q23
Pathway	Amyloids;
Function	calcium ion binding; complement component C1q binding; unfolded protein binding; virion binding