



Anti-GSN (aa 673-782) polyclonal antibody (DPAB-DC1484)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene binds to the "plus" ends of actin monomers and filaments to prevent monomer exchange. The encoded calcium-regulated protein functions in both assembly and disassembly of actin filaments. Defects in this gene are a cause of familial amyloidosis Finnish type (FAF). Multiple transcript variants encoding several different isoforms have been found for this gene.
Immunogen	GSN (AAH26033, 673 a.a. ~ 782 a.a) partial recombinant protein with GST tag. The sequence is SNKIGRFVIEVPGELMQEDLATDDVMLLDTWDQVFVWVGKDSQEEEKTEALTSAKRYIE TDPANRDRRTPTIVVKQGFEPSSFVGWFLGWDDDYWSVDPLDRAMELAA
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	GSN gelsolin [Homo sapiens (human)]
Official Symbol	GSN
Synonyms	GSN; gelsolin; ADF; AGEL; brevin; actin-depolymerizing factor;
Entrez Gene ID	2934
Protein Refseq	NP_000168
UniProt ID	P06396
Chromosome Location	9q33
Pathway	Amyloids; Apoptotic cleavage of cellular proteins; Caspase cascade in apoptosis; Coregulation of Androgen receptor activity
Function	actin binding; calcium ion binding; protein binding;
