



Anti-GSN (native protein) polyclonal antibody (CPBT-65889SH)

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

PRODUCT INFORMATION

Product Overview This product is specific for human gelsolin and reacts with both the plasma and cytoplasmic forms. Gelsolin is a calcium and polyphosphoinositide regulated actin-binding protein which consists of 6 homologous domains. It is involved in cell morphology, motility, growth and apoptosis through its ability to affect filament assembly by severing actin filaments, forming a nucleus for polymerisation, and capping the fast exchanging end of the filaments. It exists as an intracellular form, found in the cytoplasm and mitochondria, and an extracellular form located in blood plasma.

Specificity	GSN
Immunogen	Synthetic peptide corresponding to the amino acids 729 - 742 of the native molecule conjugated
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human, Bovine, Mouse, Pig
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Size	1 ml
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

precipitate we recommend microcentrifugation before use.

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; Apoptosis; Apoptotic cleavage of cellular proteins; Apoptotic execution phase; Caspase cascade in apoptosis; Caspase-mediated cleavage of cytoskeletal proteins; Coregulation of Androgen receptor activity; Disease;
Function	actin binding; calcium ion binding; protein binding;
