



Anti-CLU polyclonal antibody (DPABY-273)

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

PRODUCT INFORMATION

Antigen Description	Clusterin (named for its ability to aggregate, or cluster, cells) is an 80-kDa, secreted, heterodimeric glycoprotein that has no identifiable structural motif(s). It is generated from a common precursor that is cleaved to form two disulfide-linked subunits. Clusterin is believed to function as a unique type of heat shock protein, presumably protecting extracellular molecules. Alternative splicing will also generate a truncated form of Clusterin that is pro-apoptotic. Thus, its function(s) may be context-dependent.
Specificity	Detects mouse Clusterin in ELISAs and Western blots. Insandwich ELISAs, approximately 5% cross-reactivity with recombinant human Clusterin is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Clusterin. Glu22-Glu448 Accession Number Q06890
Isotype	IgG
Source/Host	Goat
Species Reactivity	Mouse
Purification	Antigen Affinity-purified
Conjugate	Unconjugated
Applications	Western Blot, Immunohistochemistry, Immunoprecipitation, ELISA Capture (Matched Pair)
Format	Liquid
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.
Preservative	See individual product datasheet

Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
	12 months from date of receipt, -20 to -70 °C as supplied.
	1 month, 2 to 8 °C under sterile conditions after reconstitution.
	6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Clu clusterin [Mus musculus (house mouse)]
Official Symbol	CLU
Synonyms	CLU; clusterin; Cli; ApoJ; Sgp2; SP-40; Sgp-2; Sugp-2; AI893575; D14Ucla3; apo-J; clustrin; Apolipoprotein J; sulfated glycoprotein 2; complement lysis inhibitor; testosterone repressed prostate message; testosterone repressed prostate message-2;
Entrez Gene ID	12759
Protein Refseq	NP_038520
UniProt ID	Q06890
Chromosome Location	14 D1; 14 34.36 cM
Pathway	Hemostasis; Platelet activation, signaling and aggregation; Platelet degranulation; Response to elevated platelet cytosolic Ca2+;
Function	misfolded protein binding; protein binding; ubiquitin protein ligase binding;