

Rabbit anti-Human, Mouse CLPS Polyclonal Antibody | anti-CLPS antibody

CLPS antibody

CATALOG # AAA308232	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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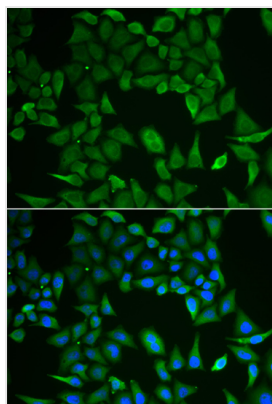
PRODUCT SYNONYMS

CLPS; Polyclonal Antibody; CLPS antibody; anti-CLPS antibody

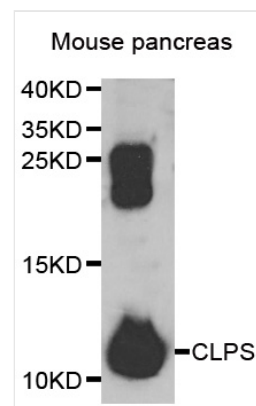
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CLPS antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	112
Applicable Applications for anti-CLPS antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CLPS.
Target Name	CLPS
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using CLPS antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of mouse pancreas, using CLPS antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLPS antibody	The protein encoded by this gene is a cofactor needed by pancreatic lipase for efficient dietary lipid hydrolysis. It binds to the C-terminal, non-catalytic domain of lipase, thereby stabilizing an active conformation and considerably increasing the overall hydrophobic binding site. The gene product allows lipase to anchor noncovalently to the surface of lipid micelles, counteracting the destabilizing influence of intestinal bile salts. This cofactor is only expressed in pancreatic acinar cells, suggesting regulation of expression by tissue-specific elements. Three transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CLPS antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502895
NCBI GeneID	1208
NCBI Accession #	NP_001823.1
NCBI GenBank Nucleotide #	NM_001832.3
UniProt Accession #	P04118; Q5T9G7; Q5U809
Molecular Weight	11,954 Da
NCBI Official Full Name	colipase isoform 1 preproprotein
NCBI Official Synonym Full Names	colipase, pancreatic
NCBI Official Symbol	CLPS
NCBI Protein Information	colipase
UniProt Protein Name	Colipase
UniProt Gene Name	CLPS
UniProt Entry Name	COL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/clps-antibody-immunofluorescence-western-blot-elisa/308232>