

DNAxPAb

Hard-to-Find  
Antibody

# CLPS DNAxPab

Catalog # H00001208-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CLPS DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MEKILILLVALSVAYAAPGPRGIINLENGELCMNSAQCKSNCCQHSSALGLARCTSMASENSECSVKTLYGIIYKPCERGLTCEGDKTIVGSITNTNFGICHDAGRSKQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — CLPS

**Entrez GeneID** [1208](#)**GeneBank Accession#** [NM\\_001832.2](#)**Protein Accession#** [NP\\_001823.1](#)**Gene Name** CLPS**Gene Alias** -**Gene Description** colipase, pancreatic**Omim ID** [120105](#)**Gene Ontology** [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** OTTHUMP00000016271|colipase|pancreatic colipase preproprotein

## Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)