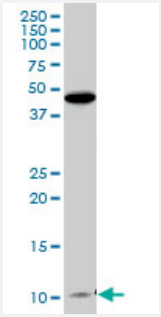
MaxPab®

CLPS MaxPab mouse polyclonal antibody (B01)

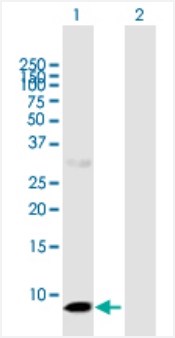
Catalog # H00001208-B01 Size 50 uL

Applications



Western Blot (Tissue lysate)

CLPS MaxPab polyclonal antibody. Western Blot analysis of CLPS expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of CLPS expression in transfected 293T cell line (H00001208-T01) by CLPS MaxPab polyclonal antibody.

Lane 1: CLPS transfected lysate(12.32 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CLPS protein.
Immunogen	CLPS (NP_001823.1, 1 a.a. ~ 112 a.a) full-length human protein.
Sequence	MEKILILLLVALSVAYAAPGPRGIIINLENGELCMNSAQCKSNCCQHSSALGLARCTSMASENSEC SVKTLYGIYYKCPCERGLTCEGDKTIVGSITNTNFGICHDAGRSKQ
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

  CLPS MaxPab polyclonal antibody. Western Blot analysis of CLPS expression in human pancreas.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of CLPS expression in transfected 293T cell line (H00001208-T01) by CLPS MaxPab polyclonal antibody.

  Lane 1: CLPS transfected lysate(12.32 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

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 lip id hydrolysis. It binds to the C-terminal, non-catalytic domain of lipase, thereby stabilizing an activ e conformation and considerably increasing the overall hydrophobic binding site. The gene produ ct allows lipase to anchor noncovalently to the surface of lipid micelles, counteracting the destabili zing influence of intestinal bile salts. This cofactor is only expressed in pancreatic acinar cells, sug gesting 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