CLPS Polyclonal Antibody

catalog number: **E-AB-11089**

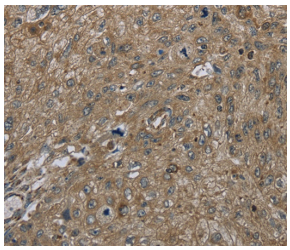
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

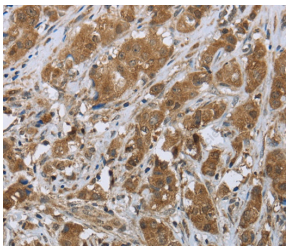
Reactivity	Human
Immunogen	Recombinant protein of human CLPS
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:50-1:200

Data



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CLPS Polyclonal Antibody at dilution 1:45



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using CLPS Polyclonal Antibody at dilution 1:45

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

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.

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