## **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 IgG

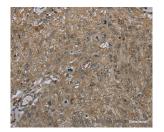
Purification Affinity purification
Conjugation Unconjugated

**Formulation** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

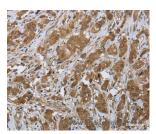
**Applications** Recommended Dilution

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. Avoid freeze / thaw cycles.

### **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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