

ARG67095 anti-CLPS antibody [SQab30361]

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Rabbit Monoclonal antibody [SQab30361] recognizes CLPS |
| Tested Reactivity | Hu |
| Tested Application | IHC-P |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone | SQab30361 |
| Isotype | IgG |
| Target Name | CLPS |
| Species | Human |
| Immunogen | Recombinant protein of Human CLPS. |
| Conjugation | Un-conjugated |
| Alternate Names | Colipase |

Application Instructions

| Application table | Application | Dilution |
|-------------------|-------------|-------------|
| | IHC-P | 1:100-1:200 |

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

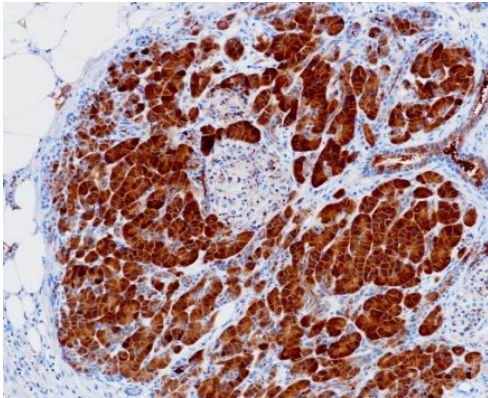
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Purification with Protein A. |
| Buffer | PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA. |
| Preservative | 0.01% Sodium azide |
| Stabilizer | 40% Glycerol and 0.05% BSA |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | CLPS |
| Gene Full Name | colipase, pancreatic |
| 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. [provided by RefSeq, Nov 2011] |
| Function | Colipase is a cofactor of pancreatic lipase. It allows the lipase to anchor itself to the lipid-water interface. Without colipase the enzyme is washed off by bile salts, which have an inhibitory effect on the lipase. Enterostatin has a biological activity as a satiety signal. [UniProt] |
| Calculated Mw | 12 kDa |
| Cellular Localization | Secreted. [UniProt] |

Images



ARG67095 anti-CLPS antibody [SQab30361] IHC-P image

Immunohistochemistry: Human pancreas stained with ARG67095 anti-CLPS antibody [SQab30361] at 1:100 dilution.