

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

LTO1 RABBIT PAB

Cat.#: S221832

Product Name: Anti-LTO1 Rabbit Polyclonal Antibody

Synonyms: CIAB1; TAOS1; ORAOV1

UNIPROT ID: Q8WV07 (Gene Accession - NP_703152)

Background: The complex LTO1:YAE1 functions as a target specific adapter that probably recruits

apo-ABCEI to the cytosolic iron-sulfur protein assembly (CIA) complex machinery

(PubMed:26182403). May be required for biogenesis of the large ribosomal subunit and initiation of translation (PubMed:23318452). May play a role in the regulation of proline metabolism and ROS

production (PubMed:24930674).

Immunogen: Synthetic peptide of human LTO1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 20-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

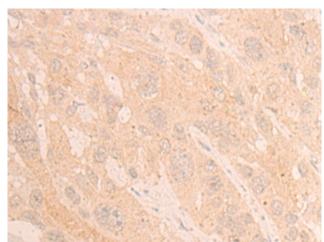
Research Areas: Cancer

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

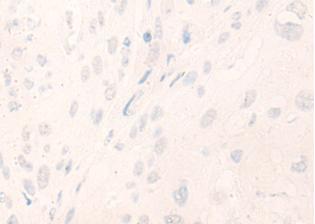


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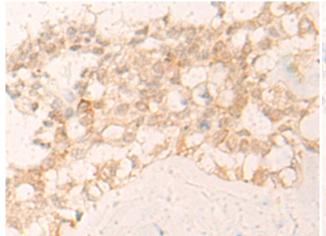
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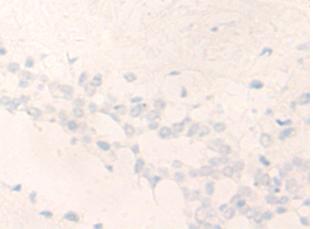
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 221832(LTO1 Antibody) at a dilution of 1/20 (Nucleus and Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 221832(Anti-LTO) Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffinembedded Human breast cancer tissue using cancer tissue is first treated with synthetic 221832(Anti-LTO1 Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human breast peptide and then with D263594(Anti-LTO) Antibody) at dilution 1/20.