

ATP5G3 Polyclonal antibody

Catalog Number: 21662-1-AP

Basic Information

Catalog Number:

21662-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16406

GenBank Accession Number:

BC106881

GeneID (NCBI):

518

UNIPROT ID:

P48201

Full Name:

ATP synthase, H⁺ transporting,
mitochondrial F₀ complex, subunit C3
(subunit 9)

Calculated MW:

142 aa, 15 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Positive Controls:

IHC : human ovary tumor tissue,

Background Information

ATP5G3, also known as ATP5MC3, belongs to the ATPase C chain family. ATP5G3 encodes subunit 9 (ATPase subunit c), which is a subunit of the multi-subunit enzyme that catalyzes ATP synthesis during oxidative phosphorylation in mitochondria. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F₁, and the membrane-spanning component, F₀, comprising the proton channel. The subunit c is a component of the proton channel proteins in the F₀ portion of the enzyme.

Storage

Storage:

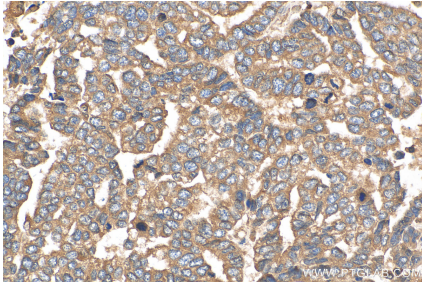
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

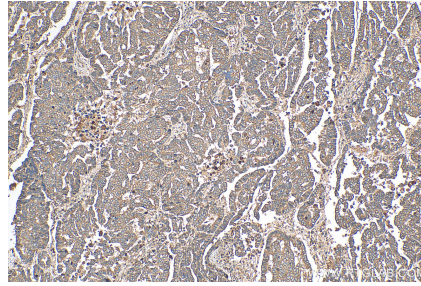
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 21662-1-AP (ATP5G3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 21662-1-AP (ATP5G3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).