

Datasheet for ABIN498517
anti-ATP5J2 antibody (Subunit F)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	ATP5J2
Binding Specificity:	Subunit F
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5J2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Specificity:	This antibody detects endogenous levels of ATP5J2 protein. (region surrounding Gly42)
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography using epitope-specific immunogen
Purity:	> 95 % (by SDS-PAGE)

Target Details

Target:	ATP5J2
Alternative Name:	ATP Synthase Subunit F (ATP5J2 Products)
Background:	ATP5J2 is part of the complex F0 domain of the mitochondrial ATP synthase. This produces ATP from ADP in the presence of a proton gradient across the membrane which is generated

Target Details

by electron transport complexes of the respiratory chain. It is composed of two complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. ATP5J2 encodes the f subunit of the Fo complex. There are 2 isoforms produced by alternative splicing. Synonyms: ATP5J2, ATP5JL, Complex V subunit f, F1F0 ATP synthase subunit f, mitochondrial ATP synthase subunit f

Gene ID: 9551

NCBI Accession: [NP_001003713](#)

UniProt: [P56134](#)

Pathways: [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: Immunohistochemistry on paraffin sections: 1: 50 - 1: 200.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Phosphate buffered saline (PBS), pH 7.2, 0.05 % sodium azide

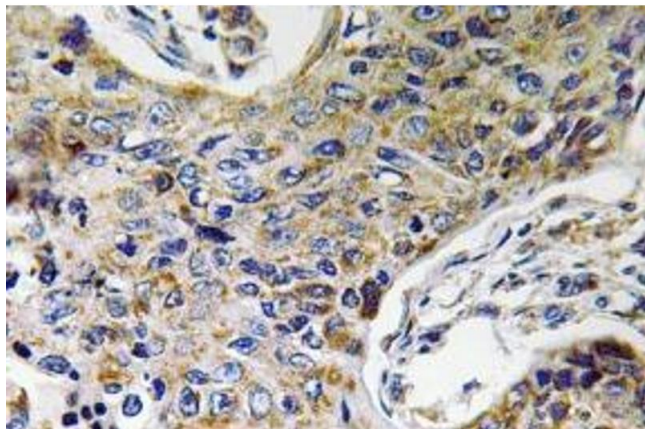
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

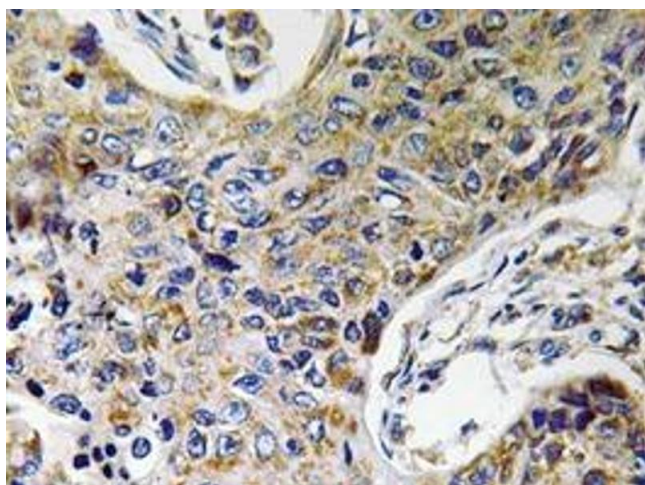
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry (IHC) analyzes of ATP5J2 antibody in paraffin-embedded human lung carcinoma tissue.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analyzes of ATP5J2 antibody in paraffin-embedded human lung carcinoma tissue.