

Datasheet for ABIN7253899  
**anti-ATP50 antibody**



[Go to Product page](#)

2 Images

### Overview

Quantity:	200 µL
Target:	ATP50
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP50 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	Fusion protein of human ATP5PO
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

### Target Details

Target:	ATP50
Alternative Name:	ATP50 ( <a href="#">ATP50 Products</a> )
Background:	The protein encoded by this gene is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton

## Target Details

conductance.

Molecular Weight: Observed\_MW: Refer to figures  
Calculated\_MW: 23 kDa

UniProt: [P48047](#)

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

## Application Details

Application Notes: WB 1:1000-1:5000, IHC 1:100-1:300, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1.56 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

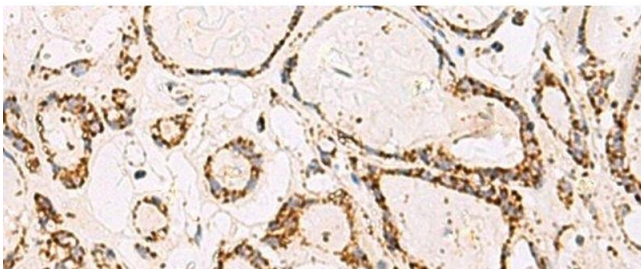
Preservative: Sodium azide

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

Storage: -20 °C

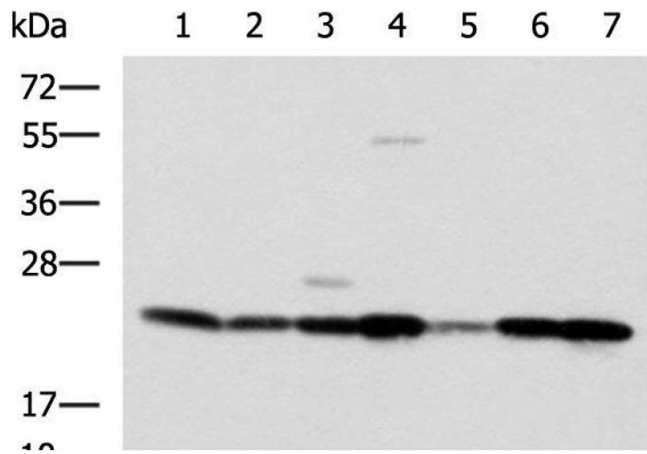
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ATP50 Polyclonal Antibody at dilution of 1:90(x200)



**Western Blotting**

**Image 2.** Western blot analysis of SKOV3 Hela cell Mouse liver tissue Mouse heart tissue Human placenta tissue HepG2 cell Human heart tissue lysates using ATP50 Polyclonal Antibody at dilution of 1:1250