

Datasheet for ABIN2791079

## anti-ATP5S antibody (N-Term)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	ATP5S
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5S antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ATP5S
Sequence:	LRCGAMVRYH GQERWQKDYN HLPTGPLDKY KIQAIDATDS CIMSIGFDHM
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ATP5S. It was validated on Western Blot.
Purification:	Affinity Purified

#### Target Details

Target:	ATP5S
Alternative Name:	ATP5S ( <a href="#">ATP5S Products</a> )
Background:	This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase

## Target Details

catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. This gene encodes the subunit s, also known as factor B, of the proton channel. This subunit is necessary for the energy transduction activity of the ATP synthase complexes. Alternatively spliced transcript variants encoding different isoforms have been identified.

Alias Symbols: ATPW, HSU79253

Protein Size: 215

Molecular Weight: 24 kDa

Gene ID: 27109

NCBI Accession: [NM\\_001003803](#), [NP\\_001003803](#)

UniProt: [Q99766](#)

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

## Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 215 AA

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

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

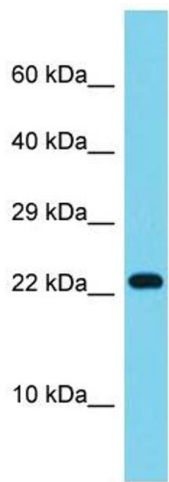
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** Host: Rabbit Target Name: ATP5S Sample Type: ACHN Whole cell lysates Antibody Dilution: 1.0ug/ml