

Datasheet for ABIN2782480  
**anti-ATIC antibody (Middle Region)**

## 3 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	ATIC
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Horse, Cow, Pig, Guinea Pig, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATIC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ATIC
Sequence:	RTLFGHLHSQ KRNGVVDKS LFSNVVTKNK DLPESALRDL IVATIAVKYT
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Yeast: 85%
Characteristics:	This is a rabbit polyclonal antibody against ATIC. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

## Target Details

Target:	ATIC
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## Target Details

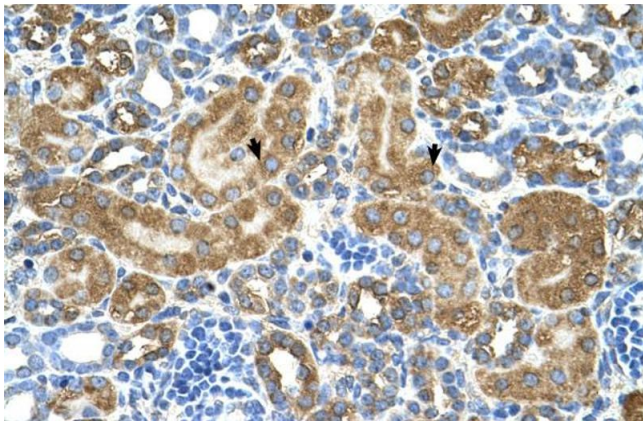
Alternative Name:	ATIC ( <a href="#">ATIC Products</a> )
Background:	<p>ATIC is a bifunctional protein requiring dimerization for transformylase activity.</p> <p>Alias Symbols: AICAR, AICARFT, FLJ93545, IMPCHASE, PURH</p> <p>Protein Interaction Partner: UBC, NEDD8, SUMO1, ASB6, TATDN1, NSFL1C, OGFOD1, STK26, ISOC1, MCTS1, PROSC, PAPSS1, NAE1, YWHAЕ, UBA1, PTMA, PAFAH1B1, MYO1E, MSN, IPO5, FH, CTH, CAPN2, AHCY, GMDS, TARDBP, TYMS, TXN, SUMO2, RBBP6, OXCT1, CRK, CLNS1A, CDK2, ISG15, SIRT7, EGFR, ATIC, CMBL</p> <p>Protein Size: 281</p>
Molecular Weight:	30 kDa
Gene ID:	471
NCBI Accession:	<a href="#">NM_004044</a>
UniProt:	<a href="#">P31939</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 281 AA
Restrictions:	For Research Use only

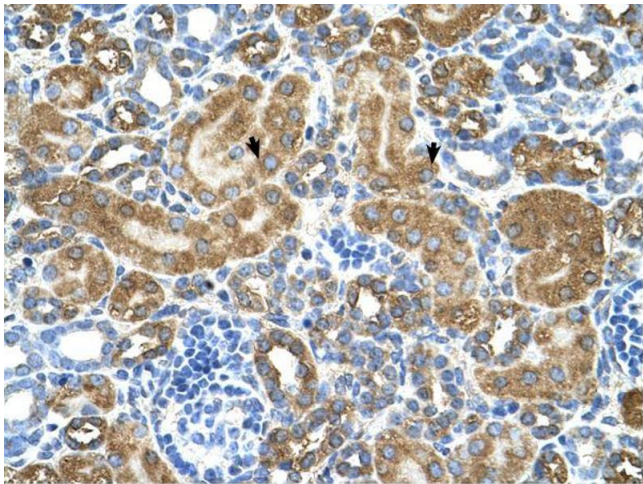
## Handling

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
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.



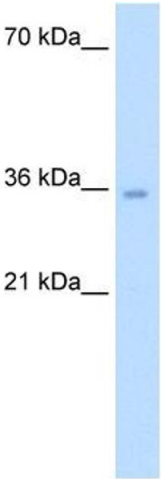
Immunohistochemistry

**Image 1.** Human kidney



Immunohistochemistry

**Image 2.**



Western Blotting

**Image 3.** ATIC antibody - middle region validated by WB using Jurkat cell lysate at 5.0 ug/ml. ATIC is supported by BioGPS gene expression data to be expressed in Jurkat