



Datasheet for ABIN6137273
anti-ATIC antibody (AA 1-300)



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1 Image

Overview

Quantity:	100 µL
Target:	ATIC
Binding Specificity:	AA 1-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATIC antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human ATIC (NP_004035.2).
Sequence:	MAPGQLALFS VSDKTGLVEF ARNLTALGLN LVASGGTAKA LRDAGLAVRD VSELTGFPEM LGGRVKTLP AVHAGILARN IPEDNADMAR LDFNLIRVVA CNLYPFVKTV ASPGVTVEEA VEQIDIGGVT LLRAAAKNHA RVTVCEPED YVVVSTEMQS SESKDTSLT RRQLALKFT HTAQYDEAIS DYFRKQYSKG VSQMPLRYGM NPHQTPAQLY TLQPKLPITV LNGAPGFINL CDALNAWQLV KELKEALGIP AAASFKHVSP AGAAVGIPLS EDEAKVCMVY DLYKTLTPIS
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

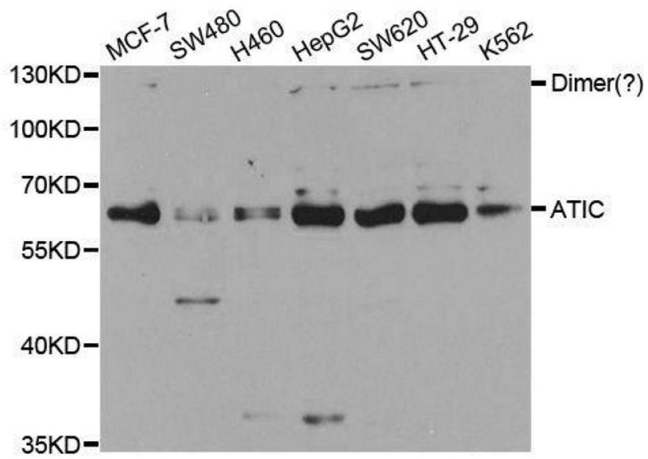
Target:	ATIC
Alternative Name:	ATIC (ATIC Products)
Background:	This gene encodes a bifunctional protein that catalyzes the last two steps of the de novo purine biosynthetic pathway. The N-terminal domain has phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria.,ATIC,AICAR,AICARFT,HEL-S-70p,IMPCHASE,PURH,Epigenetics & Nuclear Signaling,Signal Transduction,Endocrine & Metabolism,Nucleotide metabolism,ATIC
Molecular Weight:	64 kDa
Gene ID:	471
UniProt:	P31939

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using ATIC antibody.