

Datasheet for ABIN2468076

anti-ATP6V1G1 antibody (AA 1-118)**1** Image[Go to Product page](#)

Overview

Quantity:	0.05 mg
Target:	ATP6V1G1
Binding Specificity:	AA 1-118
Reactivity:	Human, Mouse, Rat, Cow
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This ATP6V1G1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purification:	Immunoaffinity Purified
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Target Details

Target:	ATP6V1G1
Alternative Name:	ATP6V1G1 (ATP6V1G1 Products)
Background:	FUNCTION: Catalytic subunit of the peripheral V1 complex of vacuolar ATPase. V-ATPase vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells. CATALYTIC ACTIVITY: $\text{ATP} + \text{H}_2\text{O} + \text{H}^+(\text{In}) = \text{ADP} + \text{phosphate} + \text{H}^+(\text{Out})$.

Target Details

SUBUNIT: V-ATPase is an heteromultimeric enzyme composed of a peripheral catalytic V1 complex (components A to H) attached to an integral membrane V0 proton pore complex (components: a, c, c', c'' and d).

Molecular Weight:	13.8 kDa (calculated)
Gene ID:	9550
NCBI Accession:	NP_004879
UniProt:	O75348
Pathways:	Transition Metal Ion Homeostasis , Proton Transport

Application Details

Application Notes:	Vacuolar ATP synthase subunit G 1 antibody can be used for the detection of Vacuolar ATP synthase subunit G 1 by Western Blot.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Phosphate-Buffered Saline. No preservatives added.
Preservative:	Without preservative
Handling Advice:	As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Storage:	4 °C/-20 °C
Storage Comment:	ATP6V1G1 antibody can be stored at 4 °C for short term (weeks). Long term storage should be at -20 °C.

Western Blotting

Image 1.

