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# anti-ATP1B3 antibody (Internal Region)

2 Images



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Overview	
Quantity:	100 μL
Target:	ATP1B3
Binding Specificity:	Internal Region
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP1B3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)
Product Details	
Immunogen:	A synthesized peptide derived from human ATP1B3, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	ATP1B3 Antibody detects endogenous levels of total ATP1B3.
Predicted Reactivity:	Pig,Bovine,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	ATP1B3

### **Target Details**

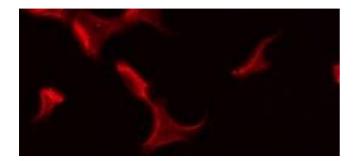
Alternative Name:	ATP1B3 (ATP1B3 Products)
Background:	Description: This is the non-catalytic component of the active enzyme, which catalyzes the
	hydrolysis of ATP coupled with the exchange of Na+ and K+ ions across the plasma
	membrane. The exact function of the beta-3 subunit is not known.
	Gene: ATP1B3
Molecular Weight:	31 kDa
Gene ID:	483
UniProt:	P54709
Pathways:	Thyroid Hormone Synthesis

### **Application Details**

Application Notes:	WB 1:500-1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



# 63 - Khôl Khôl 48 - 35 - 25 - 17 - 11 - + Peptide

### Immunofluorescence (fixed cells)

**Image 1.** ABIN6275592 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25<sub>i</sub>aC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37<sub>i</sub>aC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

### **Western Blotting**

**Image 2.** Western blot analysis of extracts from K562 cells, using ATP1B3 antibody.