

Datasheet for ABIN7635205 **anti-ATP1B4 antibody**



[Go to Product page](#)

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | ATP1B4 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ATP1B4 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to ATPase, Na ⁺ /K ⁺ Transporting Beta 4 Polypeptide (ATP1b4) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against ATP1b4. It has been selected for its ability to recognize ATP1b4 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Mouse |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|-------------------|--|
| Target: | ATP1B4 |
| Alternative Name: | ATP1b4 (ATP1B4 Products) |

Target Details

Background: X,K-ATPase subunit beta-m, X/potassium-transporting ATPase subunit beta-m

UniProt: [Q9R193](#)

Pathways: [Thyroid Hormone Synthesis](#), [Proton Transport](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100
Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 500 µg/mL

Buffer: PBS, pH 7.4, containing 0.02 % Sodium azide, 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: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.