

# KD-Validated Anti-ATP1B3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1474

## Product Information

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Application</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Primary Accession</b> | <a href="#">P54709</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clone Names</b>       | 23GB4740                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Calculated MW</b>     | 31513                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Name</b>         | ATP1B3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Aliases</b>           | ATP1B3; ATPase Na <sup>+</sup> /K <sup>+</sup> Transporting Subunit Beta 3; Sodium/Potassium-Transporting ATPase Subunit Beta-3; CD298; Sodium-Potassium ATPase Subunit Beta 3 (Non-Catalytic); Sodium/Potassium-Dependent ATPase Subunit Beta-3; ATPase, Na <sup>+</sup> /K <sup>+</sup> Transporting, Beta 3 Polypeptide; Sodium Pump Subunit Beta-3; FLJ29027; ATPB-3; Sodium/Potassium-Transporting ATPase Beta-3 Chain; Na, K-ATPase Beta-3 Polypeptide; CD298 Antigen |
| <b>Immunogen</b>         | A synthesized peptide derived from human ATP1B3                                                                                                                                                                                                                                                                                                                                                                                                                             |

## Additional Information

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|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 483                                                                                                                          |
| <b>Other Names</b> | Sodium/potassium-transporting ATPase subunit beta-3, Sodium/potassium-dependent ATPase subunit beta-3, ATPB-3, CD298, ATP1B3 |

## Protein Information

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| <b>Name</b>              | ATP1B3                                                                                                                                                                                                                                                                                      |
| <b>Function</b>          | This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na <sup>+</sup> and K <sup>+</sup> ions across the plasma membrane. The exact function of the beta-3 subunit is not known.                                     |
| <b>Cellular Location</b> | Apical cell membrane {ECO:0000250 UniProtKB:Q63377}; Single-pass type II membrane protein. Basolateral cell membrane {ECO:0000250 UniProtKB:Q63377}; Single-pass type II membrane protein. Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.