

# KD-Validated Anti-NUDT9 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI2260

## Product Information

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Primary Accession</b> | <a href="#">Q9BW91</a>                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity</b>        | Human                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Clone Names</b>       | 25GB4395                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated MW</b>     | 39125                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>         | NUDT9                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Aliases</b>           | NUDT9; Nudix Hydrolase 9; Nudix (Nucleoside Diphosphate Linked Moiety X)-Type Motif 9; ADP-Ribose Pyrophosphatase, Mitochondrial; Adenosine Diphosphoribose Pyrophosphatase; ADP-Ribose Phosphohydrolase; ADP-Ribose Diphosphatase; ADPR-PPase; MGC3037; NUDT10; Nucleoside Diphosphate Linked Moiety X-Type Motif 9; Nucleoside Diphosphate-Linked Moiety X Motif 9; ADP-Ribose Pyrophosphatase NUDT9; Nudix Motif 9; EC 3.6.1.13 |
| <b>Immunogen</b>         | A synthesized peptide derived from human NUDT9                                                                                                                                                                                                                                                                                                                                                                                     |

## Additional Information

|                    |                                                                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 53343                                                                                                                                                                                                                                           |
| <b>Other Names</b> | ADP-ribose pyrophosphatase, mitochondrial, 3.6.1.13, ADP-ribose diphosphatase, ADP-ribose phosphohydrolase, Adenosine diphosphoribose pyrophosphatase, ADPR-PPase, Nucleoside diphosphate-linked moiety X motif 9, Nudix motif 9, NUDT9, NUDT10 |

## Protein Information

|                          |                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | NUDT9                                                                                                                                                                                                                                              |
| <b>Synonyms</b>          | NUDT10                                                                                                                                                                                                                                             |
| <b>Function</b>          | Hydrolyzes ADP-ribose (ADPR) to AMP and ribose 5'-phosphate (PubMed: <a href="#">11385575</a> , PubMed: <a href="#">37343711</a> ). Has also a weak phosphohydrolase activity against NADH and FAD (in vitro) (PubMed: <a href="#">37343711</a> ). |
| <b>Cellular Location</b> | [Isoform 1]: Mitochondrion                                                                                                                                                                                                                         |
| <b>Tissue Location</b>   | Ubiquitously expressed but isoform 1 is the most predominant isoform.                                                                                                                                                                              |