

## Rabbit DNMT3A Polyclonal Antibody | anti-DNMT3A antibody

DNMT3A Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA167212</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

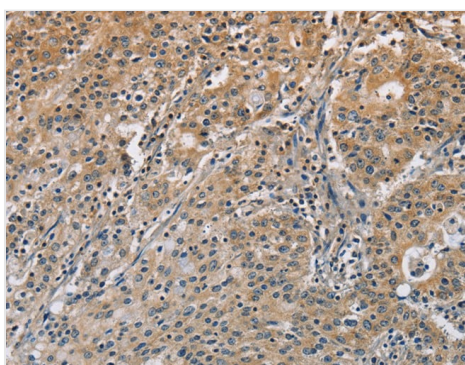
### PRODUCT SYNONYMS

DNMT3A; Polyclonal Antibody; DNMT3A Polyclonal Antibody; DNMT3A2; M.HsaIIIA; anti-DNMT3A antibody

### PRODUCT SPECIFICATIONS

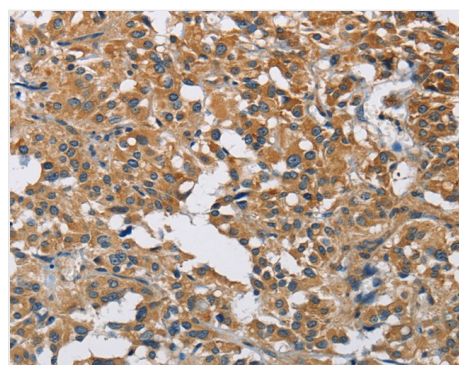
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human, Mouse, Rat                                                                         |
| Clonality                                        | Polyclonal                                                                                |
| Isotype                                          | IgG                                                                                       |
| Purity/Purification                              | Antigen affinity purification                                                             |
| Concentration                                    | 2mg/mL (varies by lot)                                                                    |
| Sequence Length                                  | 723                                                                                       |
| Applicable Applications for anti-DNMT3A antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                        | Recombinant protein of human DNMT3A                                                       |
| Buffer                                           | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                          | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using DNMT3A Polyclonal Antibody at dilution 1:50



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DNMT3A Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DNMT3A antibody | CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated. Alternative splicing results in multiple transcript variants encoding different isoforms. |
| Product Categories/Family for anti-DNMT3A antibody   | Cancer; Epigenetics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 77176455                                                                                                                            |
| NCBI GeneID                      | 1788                                                                                                                                |
| NCBI Accession #                 | NP_715640.2                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_153759.3                                                                                                                         |
| Molecular Weight                 | 16,866 Da                                                                                                                           |
| NCBI Official Full Name          | DNA (cytosine-5)-methyltransferase 3A isoform b                                                                                     |
| NCBI Official Synonym Full Names | DNA (cytosine-5-)-methyltransferase 3 alpha                                                                                         |
| NCBI Official Symbol             | DNMT3A                                                                                                                              |
| NCBI Official Synonym Symbols    | TBRS; DNMT3A2; M.HsaIIIA                                                                                                            |
| NCBI Protein Information         | DNA (cytosine-5)-methyltransferase 3A; DNA (cytosine-5)-methyltransferase 3A; DNA MTase HsaIIIA; DNA cytosine methyltransferase 3A2 |
| UniProt Protein Name             | DNA (cytosine-5)-methyltransferase 3A                                                                                               |
| UniProt Gene Name                | DNMT3A                                                                                                                              |
| UniProt Synonym Gene Names       | Dnmt3a; DNA MTase HsaIIIA; M.HsaIIIA                                                                                                |
| UniProt Entry Name               | DNM3A_HUMAN                                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dnmt3a-antibody-immunohistochemistry-elisa/167212>