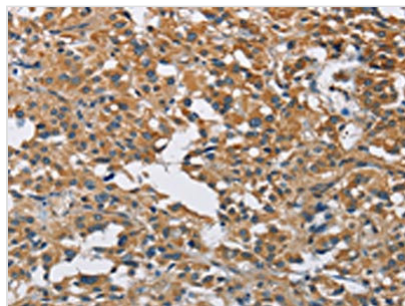


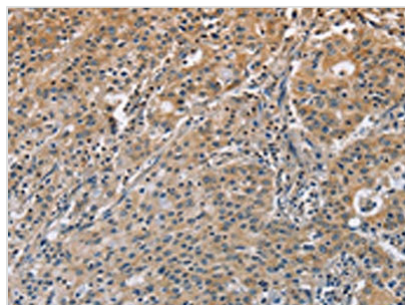
# DNMT3A Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA522891                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Uniprot No.</b>         | Q9Y6K1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>           | Fusion protein of Human DNMT3A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species Reactivity</b>  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tested Applications</b> | ELISA,IHC;ELISA:1:2000-1:5000,IHC:1:50-1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Relevance</b>           | 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. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Buffer</b>      | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification Method</b> | Antigen affinity purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Target Names</b>        | DNMT3A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

## Image



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CSB-PA522891(DNMT3A Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using CSB-PA522891(DNMT3A Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)