

## DNMT1 Polyclonal Antibody

**catalog number:** E-AB-70196

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

### Description

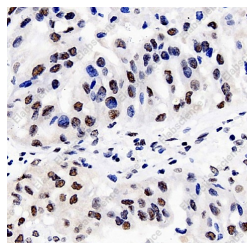
|                     |                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                                                                     |
| <b>Immunogen</b>    | KLH conjugated Synthetic peptide corresponding to Mouse Dnmt1                                             |
| <b>Host</b>         | Rabbit                                                                                                    |
| <b>Isotype</b>      | Rabbit IgG                                                                                                |
| <b>Purification</b> | Affinity purification                                                                                     |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 1% protein protectant and 50% glycerol. |

### Applications

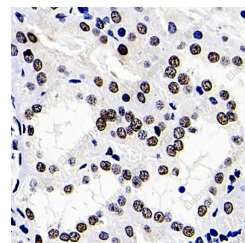
### Recommended Dilution

|     |             |
|-----|-------------|
| IHC | 1:200-1:800 |
|-----|-------------|

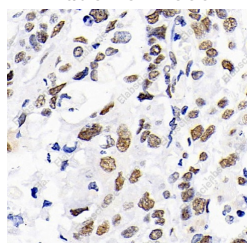
### Data



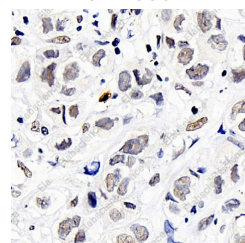
Immunohistochemistry analysis of paraffin-embedded human liver cancer using DNMT1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded human kidney using DNMT1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using DNMT1 Polyclonal Antibody at dilution of 1:300.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using DNMT1 Polyclonal Antibody at dilution of 1:300.

### Preparation & Storage

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and regulation of tissue-specific patterns of methylated cytosine residues. Aberrant methylation patterns are associated with certain human tumors and developmental abnormalities. Two transcript variants encoding different isoforms have been found for this gene.

### For Research Use Only

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