

## MTHFS Polyclonal Antibody

**Catalog No.** E-AB-18937

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

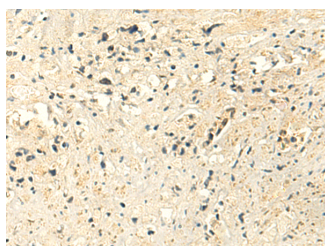
### Description

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| <b>Reactivity</b>   | Human, Mouse                                            |
| <b>Immunogen</b>    | Fusion protein of human MTHFS                           |
| <b>Host</b>         | Rabbit                                                  |
| <b>Isotype</b>      | IgG                                                     |
| <b>Purification</b> | Antigen affinity purification                           |
| <b>Conjugation</b>  | Unconjugated                                            |
| <b>Buffer</b>       | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |

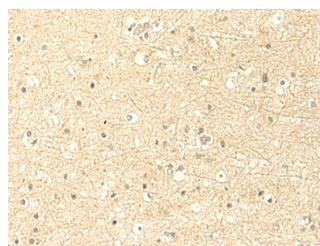
### Applications Recommended Dilution

**IHC** 1:40-1:200

### Data



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using MTHFS Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using MTHFS Polyclonal Antibody at dilution of 1:50(×200)

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

The protein encoded by this gene is an enzyme that catalyzes the conversion of 5-formyltetrahydrofolate to 5,10-methylenetetrahydrofolate, a precursor of reduced folates involved in 1-carbon metabolism. An increased activity of the encoded protein can result in an increased folate turnover rate and folate depletion. Three transcript variants encoding two different isoforms have been found for this gene.

### For Research Use Only