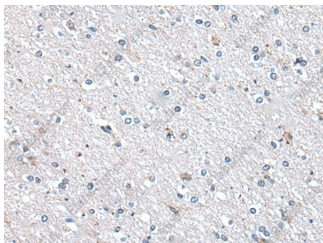
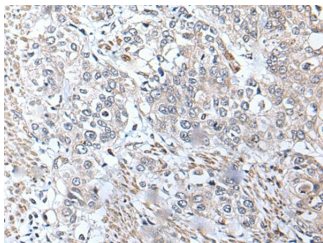


## METTL7A Polyclonal Antibody

**catalog number:** E-AB-52354

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

| Description         |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                                              |
| <b>Immunogen</b>    | Fusion protein of human METTL7A                                                    |
| <b>Host</b>         | Rabbit                                                                             |
| <b>Isotype</b>      | Rabbit IgG                                                                         |
| <b>Purification</b> | Antigen affinity purification                                                      |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |
| Applications        | Recommended Dilution                                                               |
| IHC                 | 1:30-1:150                                                                         |

| Data                                                                                                                     |                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|                                        |                                                 |
| Immunohistochemistry of paraffin-embedded Human brain tissue using METTL7A Polyclonal Antibody at dilution of 1:40(×200) | Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using METTL7A Polyclonal Antibody at dilution of 1:40(×200) |

| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>METTL7A (methyltransferase like 7A), also known as AAM-B, is a 244 amino acid protein that is thought to function as a methyltransferase and is encoded by a gene which maps to chromosome 12. Encoding over 1,100 genes, chromosome 12 comprises nearly 4.5% of the human genome and is associated with a number of skeletal deformities, including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Chromosome 12 is also home to both a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and a natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC I interaction. Additionally, Trisomy 12p (three copies of the p arm of chromosome 12) leads to facial developmental defects, seizure disorders and a host of other symptoms varying in severity depending on the extent of mosaicism.</p> |  |

### For Research Use Only

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