

YTHD3 rabbit pAb

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| Catalog No : | YT8102 |
| Reactivity : | Human;Mouse |
| Applications : | IHC;WB |
| Target : | YTHDF3 |
| Gene Name : | YTHDF3 |
| Protein Name : | YTH domain family protein 3 |
| Human Gene Id : | 253943 |
| Human Swiss Prot No : | Q7Z739 |
| Mouse Gene Id : | 229096 |
| Mouse Swiss Prot No : | Q8BYK6 |
| Immunogen : | Synthesized peptide derived from human N-terminal YTHD3 |
| Specificity : | This antibody detects endogenous levels of YTHD3 at Human, Mouse |
| Formulation : | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500-2000 IHC 1:50-200 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |

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| Molecularweight : | 64kD |
| Function : | Specifically recognizes and binds N6-methyladenosine (m6A)-containing RNAs, and regulates their stability . M6A is a modification present at internal sites of mRNAs and some non-coding RNAs and plays a role in mRNA stability and processing . Acts as a regulator of mRNA stability by promoting degradation of m6A-containing mRNAs via interaction with the CCR4-NOT complex or PAN3 . The YTHDF paralogs (YTHDF1, YTHDF2 and YTHDF3) share m6A-containing mRNAs targets and act redundantly to mediate mRNA degradation and cellular differentiation . Acts as a negative regulator of type I interferon response by down-regulating interferon-stimulated genes (ISGs) expression: acts by binding to FOXO3 mRNAs (By similarity). Binds to FOXO3 mRNAs independently of METTL3-mediated m6A modification (By similarity). Can also act as a regulator of mRNA stability in cooperation with YTHDF2 by binding to m6A-conta |
| Subcellular Location : | Cytoplasm, cytosol . Cytoplasm, P-body . Cytoplasm, Stress granule . |
| Sort : | 999 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

Products Images