

YTHD3 rabbit pAb

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)

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 .

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