YTHD3 mouse mAb

Catalog No	YP-mAb-17258
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	YTHDF3
Immunogen	Synthesized peptide derived from human N-ternal 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	Mouse,Monoclonal
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	YTHDF3;YTH domain family protein 3
Observed Band	64kD
Calculated Molecular Weight	64kD
Cell Pathway	Cytoplasm, cytosol . Cytoplasm, P-body . Cytoplasm, Stress granule .
Tissue Specificity	
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

Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

