



YTHD3 rabbit pAb

Catalog No	YP-Ab-17258
Isotype	IgG
Reactivity	Human, Mouse
Applications	IHC, WB
Gene Name	YTHDF3
Protein Name	YTH domain family protein 3
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	Rabbit, polyclonal
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000 IHC 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	YTH domain family protein 3
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