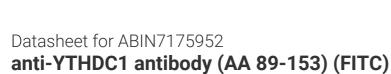
antibodies .- online.com







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	N/P	r\/	i⊢₩

Quantity:	100 μg
Target:	YTHDC1
Binding Specificity:	AA 89-153
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YTHDC1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human YTH domain-containing protein 1 protein (89-153AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	YTHDC1
Alternative Name:	YTHDC1 (YTHDC1 Products)
Background:	Background: Regulator of alternative splicing that specifically recognizes and binds N6-
	methyladenosine (m6A)-containing RNAs (PubMed:26318451, PubMed:26876937,

PubMed:25242552). M6A is a modification present at internal sites of mRNAs and some non-coding RNAs and plays a role in the efficiency of mRNA splicing, processing and stability (PubMed:26318451, PubMed:25242552). Acts as a key regulator of exon-inclusion or exon-skipping during alternative splicing via interaction with mRNA splicing factors SRSF3 and SRSF10 (PubMed:26876937). Specifically binds m6A-containing mRNAs and promotes recruitment of SRSF3 to its mRNA-binding elements adjacent to m6A sites, leading to exon-inclusion during alternative splicing (PubMed:26876937). In contrast, interaction with SRSF3 prevents interaction with SRSF10, a splicing factor that promotes exon skipping: this prevents SRSF10 from binding to its mRNA-binding sites close to m6A-containing regions, leading to inhibit exon skipping during alternative splicing (PubMed:26876937). May also regulate alternative splice site selection (PubMed:20167602).

Aliases: YTHDC1 antibody, KIAA1966 antibody, YT521 antibody, YTH domain-containing protein 1 antibody, Splicing factor YT521 antibody, YT521-B antibody

UniProt:

Q96MU7

Application Details

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	