

anti- YTHDF1 antibody

Product Information

Catalog No.:	FNab09572
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Specifically recognizes and binds N6-methyladenosine(m6A)-containing mRNAs, and promotes mRNA translation efficiency(PubMed:24284625, PubMed:26046440, PubMed:26318451). 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:24284625). Acts as a regulator of mRNA translation efficiency: promotes ribosome loading to m6A-containing mRNAs and interacts with translation initiation factors eIF3(EIF3A or EIF3B) to facilitate translation initiation(PubMed:26046440).

Immunogen information

Immunogen:	YTH domain family, member 1
Synonyms:	C20orf21, DACA 1, FLJ20391, YTH domain family protein 1, YTH domain family, member 1, YTHDF1
Observed MW:	62 kDa
Uniprot ID :	Q9BYJ9

Application

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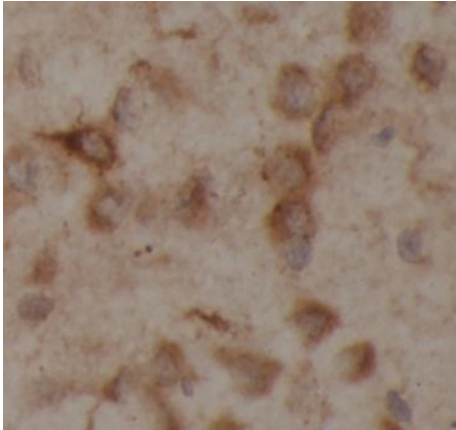
www.fn-test.com

Reactivity: Human, Mouse, Rat

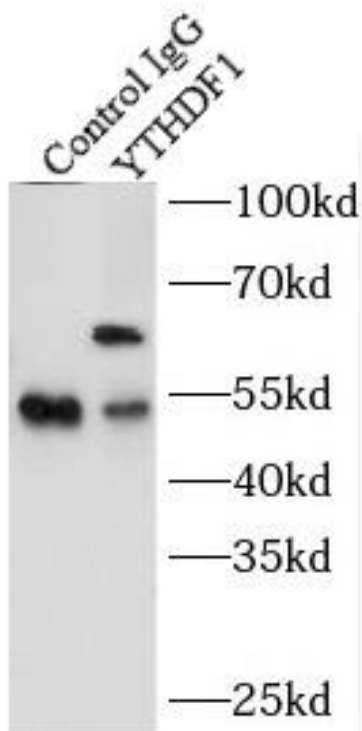
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:5000; IP: 1:500-1:5000; IHC: 1:20-1:200

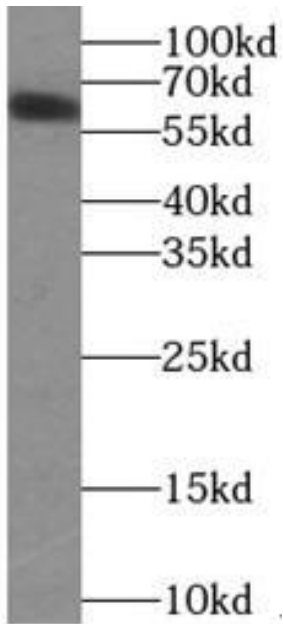
Image:



Immunohistochemistry of paraffin-embedded human brain using FNab09572(YTHDF1 antibody) at dilution of 1:100



IP Result of anti-YTHDF1 (IP:FNab09572, 4ug; Detection:FNab09572 1:1000) with mouse brain tissue lysate 2640ug.



HeLa cells were subjected to SDS PAGE followed by western blot with FNab09572(YTHDF1 antibody) at dilution of 1:500