

Recombinant YTHDF1 Monoclonal Antibody

Catalog Number:E-AB-81517



Note: Centrifuge before opening to ensure complete recovery of vial contents.

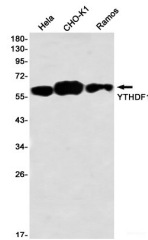
Description

Reactivity	Human,Hamster
Immunogen	Recombinant protein of human YTHDF1
Host	Rabbit
Isotype	IgG
Clone	R05-2E7
Purification	Affinity Purified
Conjugation	Unconjugated
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

Applications Recommended Dilution

WB 1:1000-1:2000

Data



Western blot detection of YTHDF1 in HeLa,CHO-K1,Ramos using YTHDF1 Rabbit mAb(1:1000 diluted)

Observed Mw:61kDa
Calculated Mw:61kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

YTHDF1, also named as YTH domain-containing family protein 1 or C20orf21, is a 559 amino acid protein, which localizes in the cytoplasm. YTHDF1 specifically recognizes and binds N6-methyladenosine (m6A)-containing mRNAs, and promotes mRNA translation efficiency. 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. YTHDF1 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. YTHDF1 exists two isoform and calculated molecular weight of isoforms are 61 kDa and 21 kDa.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017