USA Tel: 1-877-374-4368 • Int. Tel: 1-718-484-3990
sales@epigentek.com • www.epigentek.com

YTHDF2 Polyclonal Antibody

(Catalog # A68190)

Background
Specifically recognizes and binds N6-methyladenosine (m6A)-containing RNAs, and regulates mRNA stability (PubMed:24284625, PubMed:26046440). 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:22575960, PubMed:24284625, PubMed:25412658, PubMed:25412661). Acts as a regulator of mRNA stability: binding to m6A-containing mRNAs results in the localization to mRNA decay sites, such as processing bodies (P-bodies), leading to mRNA degradation (PubMed:24284625, PubMed:26046440).

Description
YTHDF2 Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
Liquid. 0.03% Proclin 300, 50% Glycerol, 0.01M PBS, PH 7.4.

Specificity
Human

Isotype
IgG

Uniprot ID
Q9Y5A9

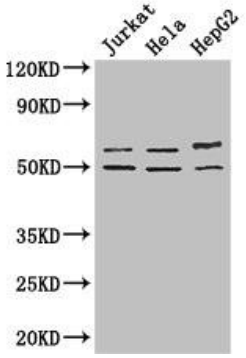
Purification
>95%, Protein G purified

Immunogen
Recombinant Human YTH domain-containing family protein 2 protein (201-500AA)

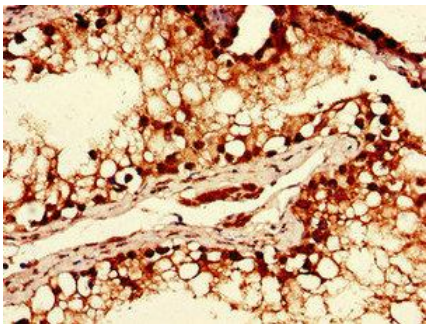
Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C (short-term) or -80°C (long-term). Avoid repeated freeze.

Alternative Names
YTH domain-containing family protein 2, CLL-associated antigen KW-141, YTHDF2

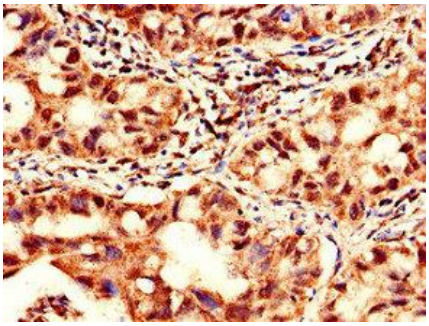
Application
ELISA, WB, IHC, IF; Recommended dilution: WB:1:2000-1:5000, IHC:1:20-1:200, IF:1:50-1:200



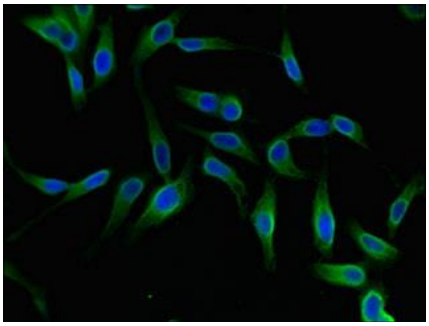
Western Blot
Positive WB detected in: Jurkat whole cell lysate, Hela whole cell lysate, HepG2 whole cell lysate
All lanes: YTHDF2 antibody at 2.7ug/ml
Secondary
Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 63, 57 kDa
Observed band size: 63, 50 kDa



Immunohistochemistry of paraffin-embedded human testis tissue using YTHDF2 Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded human lung cancer using YTHDF2 Antibody at dilution of 1:100



Immunofluorescent analysis of Hela cells using YTHDF2 Antibody at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)