

Nur für Forschungszwecke

YTHDF1 Monoklonaler Antikörper

Katalog-Nr.: 66745-1-Ig

Vorgestelltes Produkt

5 Publikationen



Allgemeine Informationen

Katalog-Nr.: 66745-1-Ig	GenBank-Zugangsnummer: BC050284	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 54915	CloneNo.: 3A2H12
Wirt: Maus	Vollständiger Name: YTH domain family, member 1	Empfohlene Verdünnungen: WB 1:1000-1:4000
Isotyp: IgG1	Berechnete Masse: 559 aa, 61 kDa	
Immunogen Katalognummer: AG11633	Beobachtete Masse: 60 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen
In Publikationen genannte Anwendungen: ColP, IF, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Hausschwein, Human, Maus	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yang Wang	36333630	Apoptosis	WB
Xin Zong	33999206	Nucleic Acids Res	WB, ColP
Diwen Shi	36675257	Int J Mol Sci	WB, IF

Lagerung

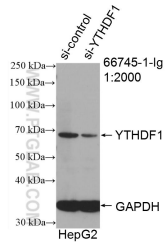
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

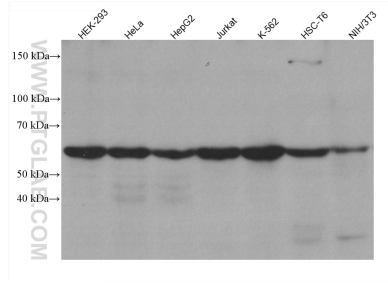
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

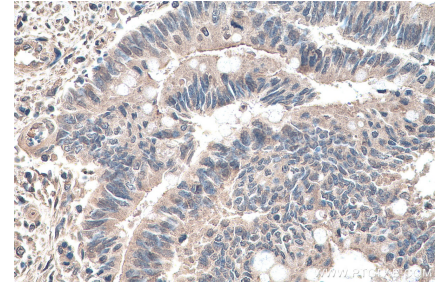
Ausgewählte Validierungsdaten



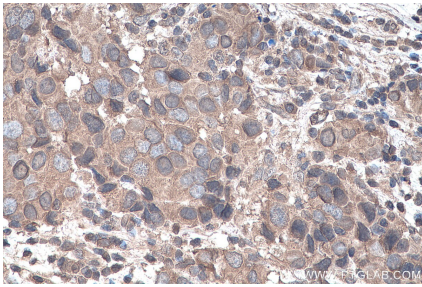
WB result of YTHDF1 antibody (66745-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-YTHDF1 transfected HepG2 cells.



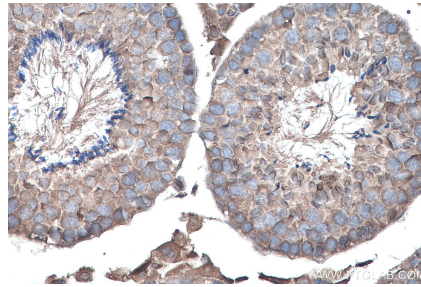
Various lysates were subjected to SDS PAGE followed by western blot with 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



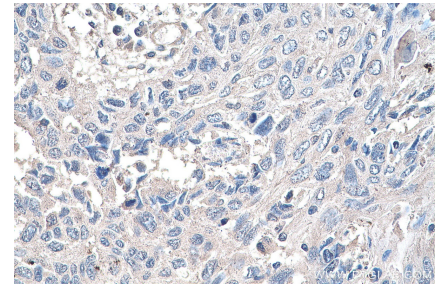
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



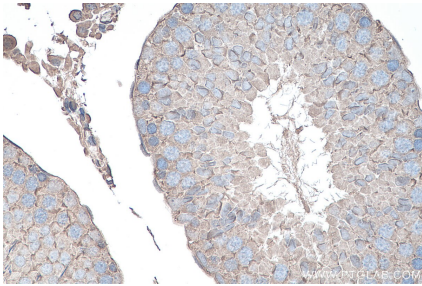
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).