

À des fins de recherche uniquement

Anticorps Monoclonal anti-YTHDF1

Numéro de catalogue: 66745-1-Ig

Phare

5 Publications



Informations de base

Numéro de catalogue: 66745-1-Ig	Numéro d'acquisition GenBank: BC050284	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 54915	CloneNo.: 3A2H12
Hôte: Mouse	Nom complet: YTH domain family, member 1	Dilutions recommandées: WB 1:1000-1:4000
Isotype: IgG1	MW calculé: 559 aa, 61 kDa	
Immunogen Catalog Number: AG11633	MW observés: 60 kDa	

Applications

Applications testées:

WB, ELISA

Demandes citées:

CoIP, IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, porc, souris

Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yang Wang	36333630	Apoptosis	WB
Xin Zong	33999206	Nucleic Acids Res	WB, CoIP
Diwen Shi	36675257	Int J Mol Sci	WB, IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

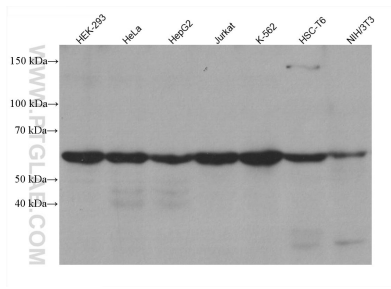
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

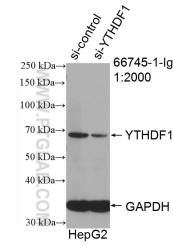
E: proteintech@ptglab.com
W: ptglab.com

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

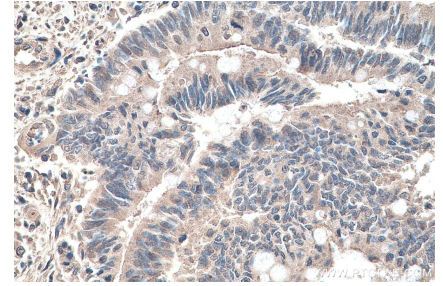
Données de validation sélectionnées



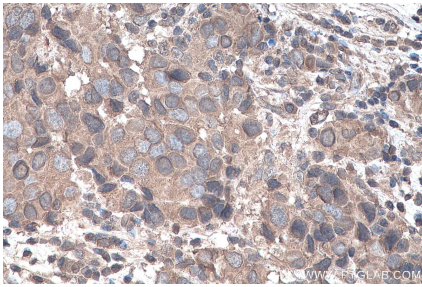
Various lysates were subjected to SDS PAGE followed by western blot with 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



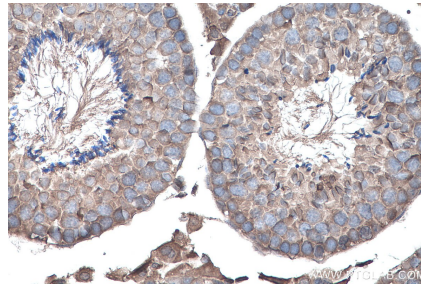
WB result of YTHDF 1 antibody (66745-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-YTHDF1 transfected HepG2 cells.



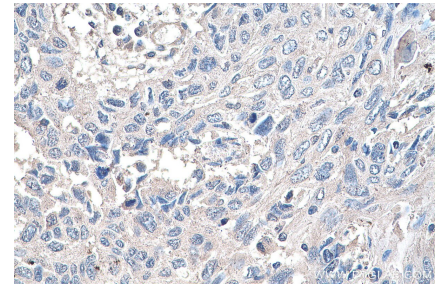
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



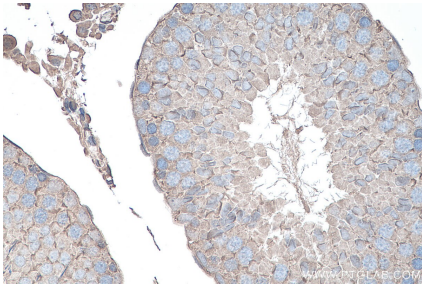
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66745-1-Ig (YTHDF1 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).