

À des fins de recherche uniquement

# Anticorps Monoclonal anti-UPF1

Numéro de catalogue: 66898-1-Ig **2 Publications**



## Informations de base

Numéro de catalogue: 66898-1-Ig	Numéro d'acquisition GenBank: BC039817	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5976	CloneNo.: 3B6B5
Hôte: Mouse	Nom complet: UPF1 regulator of nonsense transcripts homolog (yeast)	Dilutions recommandées: WB 1:3000-1:10000 IHC 1:250-1:1000 IF 1:400-1:1600
Isotype: IgG1	MW calculé: 123 kDa	
Immunogen Catalog Number: AG28320	MW observés: 123-130 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules NIH/3T3, cellules Raji, tissu cérébral de souris, tissu testiculaire de souris

IHC : tissu de cancer du sein humain,

IF : cellules HepG2,

## Informations générales

Up-Frameshift Suppressor 1 Homolog (UPF1) is the central factor in nonsense-mediated mRNA decay (NMD) and is also directly involved in telomere homeostasis, DNA replication, histone mRNA degradation and staufer-mediated mRNA decay (PMID: 29382845). It is a potential modulator of MALAT1 and that UPF1/MALAT1 pathway could be a therapeutic target for gastric cancer (PMID: 28942451). The molecular mass of UPF1 is 123-130 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Xinke Wang	30662328	Int J Med Sci	WB
Zhaojun Duan	37141498	Eur J Immunol	WB

## 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.

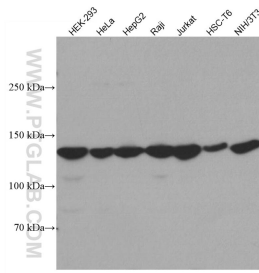
For technical support and original validation data for this product please contact:

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

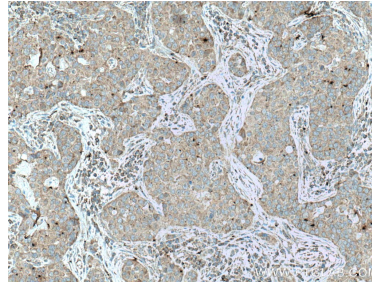
E: proteintech@ptglab.com  
W: ptglab.com

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

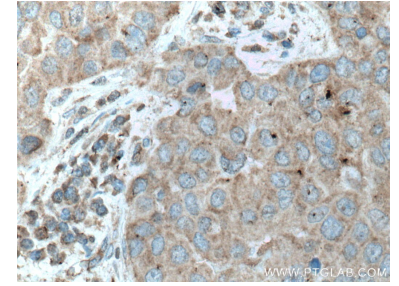
## Données de validation sélectionnées



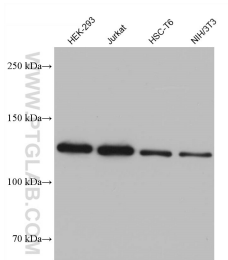
Various lysates were subjected to SDS PAGE followed by western blot with 66898-1-Ig (UPF1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



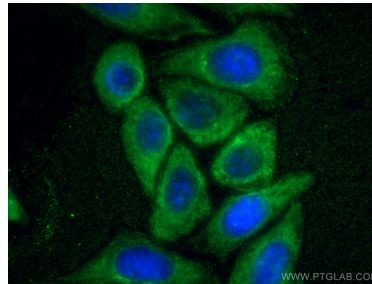
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66898-1-Ig (UPF1 antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66898-1-Ig (UPF1 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Various lysates were subjected to SDS PAGE followed by western blot with 66898-1-Ig (UPF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using UPF1 antibody (66898-1-Ig, Clone: 3B6B5) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).