

À des fins de recherche uniquement

Anticorps Monoclonal anti-MRPS27

Numéro de catalogue: 66724-1-Ig **2 Publications**



Informations de base

Numéro de catalogue: 66724-1-Ig	Numéro d'acquisition GenBank: BC030521	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 23107	CloneNo.: 1B1B3
Hôte: Mouse	Nom complet: mitochondrial ribosomal protein S27	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:250-1:1000
Isotype: IgG2b	MW calculé: 168 aa, 19 kDa, 48 kDa	
Immunogen Catalog Number: AG11047	MW observés: 48 kDa	

Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : cellules LNCaP, cellules A431, cellules HeLa, cellules HepG2 IHC : tissu de cancer du sein humain,
Demandes citées: WB	
Spécificité de l'espèce: Humain	
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.

Informations générales

Genes encoding PPR (pentatricopeptide repeat)-containing proteins constitute one of the largest gene families in plants. The majority of these proteins are predicted to target organelles and to bind to RNA. Strikingly, there is a dearth of these proteins in mammals, although genomic searches reveal six candidates, all of which are also predicted to target the mitochondrion. One of these proteins, MRPS27 is participated in transcription and translation respectively. [PMID:18939947] MRPS27 is a component of the small subunit of the mitochondrial ribosome that is encoded by the nuclear genome [PMID: 11279123].

Publications notables

Autrice	Pubmed ID	Journal	Application
Loukmane Karim	35884802	Biomedicines	WB
Yoko Itakura	30157474	Aging (Albany NY)	

Stockage

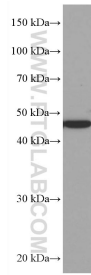
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

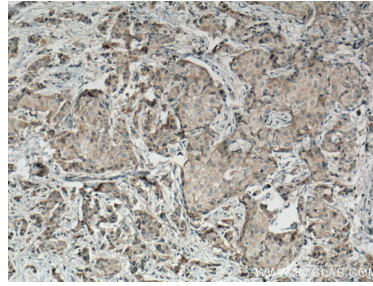
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

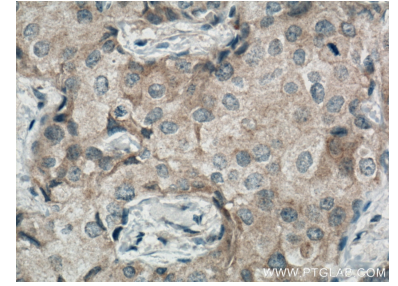
Données de validation sélectionnées



LNCaP cells were subjected to SDS PAGE followed by western blot with 66724-1-Ig (MRPS27 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 66724-1-Ig (MRPS27 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 66724-1-Ig (MRPS27 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).