

À des fins de recherche uniquement

# Anticorps Monoclonal anti-NDUFS5

Numéro de catalogue: 66053-1-Ig



## Informations de base

Numéro de catalogue: 66053-1-Ig	Numéro d'acquisition GenBank: BC001884	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2400 µg/ml by Nanodrop and 1053 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 4725	CloneNo.: 2C2A5
Hôte: Mouse	Nom complet: NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (NADH- coenzyme Q reductase)	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:20-1:200
Isotype: IgG2b	MW calculé 13 kDa	
Immunogen Catalog Number: AG7663	MW observés: 15 kDa	

## Applications

### Applications testées:

IHC, WB, ELISA

### Spécificité de l'espèce:

Humain

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

### Contrôles positifs:

WB : cellules HepG2, cellules HEK-293, cellules L02, tissu cérébral humain fœtal

IHC : tissu rénal humain, tissu hépatique humain

## Informations générales

NDUFS5 gene is a member of the NADH dehydrogenase (ubiquinone) iron-sulfur protein family. The encoded protein is a subunit of the NADH:ubiquinone oxidoreductase (complex I), the first enzyme complex in the electron transport chain located in the inner mitochondrial membrane. The NDUFS5 mRNA is expressed ubiquitously in human tissues, with a relative higher expression in human heart, skeletal muscle, liver, kidney and fetal heart (PMID: 10070614). The NDUFS5 (15 kDa) subunit located at mitochondrion and contains two C-X9-C motifs that are predicted to form a helix-coil-helix structure, permitting the formation of intramolecular disulfide bonds (PMID: 21310150). Proteintech's NDUFS5 antibody 66053-1-Ig is capable of detecting the 15 kDa protein in Western blotting.

## 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.

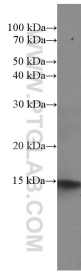
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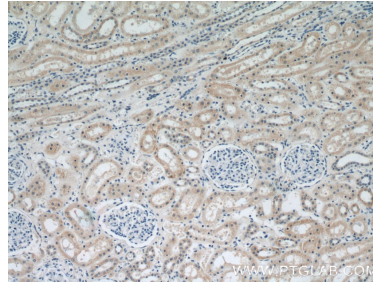
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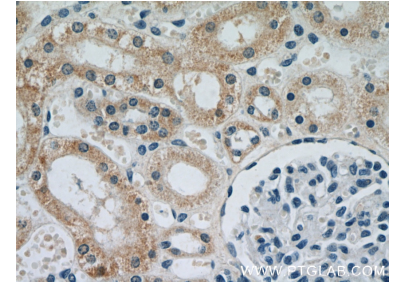
## Données de validation sélectionnées



HepG2 cells were subjected to SDS PAGE followed by western blot with 66053-1-Ig (NDUFS5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 66053-1-Ig(NDUFS5 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 66053-1-Ig(NDUFS5 antibody) at dilution of 1:50 (under 40x lens).