

À des fins de recherche uniquement

# Anticorps Monoclonal anti-LIAS

Numéro de catalogue: 67298-1-Ig



## Informations de base

Numéro de catalogue: 67298-1-Ig	Numéro d'acquisition GenBank: BC023635	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1700 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 11019	CloneNo.: 3B5G7
Hôte: Mouse	Nom complet: lipoic acid synthetase	Dilutions recommandées: WB 1:1000-1:6000
Isotype: IgG1	MW calculé 372 aa, 42 kDa	
Immunogen Catalog Number: AG27286	MW observés: 34-42 kDa	

## Applications

Applications testées: WB,ELISA	Contrôles positifs: WB : cellules LNCaP, cellules HEK-293, cellules K-562, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris
Spécificité de l'espèce: Humain, porc, rat, souris	

## Informations générales

LIAS (lipoyl synthase, mitochondrial) is also named as LAS and belongs to the radical SAM superfamily and lipoyl synthase family. It produces alpha-lipoic acid, an antioxidant and an essential cofactor in alpha-ketoacid dehydrogenase complexes, which participate in glucose oxidation and ATP generation (PMID:22021711). The deduced 373-amino acid protein has a calculated molecular mass of about 42 kD. The N-terminal 26 amino acids encode a potential mitochondrial targeting presequence that, upon removal, would result in a deduced mature protein of 347 amino acids with a molecular mass of about 39 kD (PMID:11389890). Defects in LIAS are a cause of pyruvate dehydrogenase lipoic acid synthetase deficiency (PDHLD).

## Stockage

Stockage:  
Stocker à -20 °C.  
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.

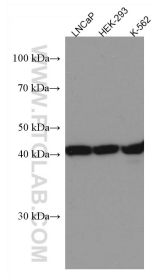
For technical support and original validation data for this product please contact:

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

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## Données de validation sélectionnées



LNCaP cells were subjected to SDS PAGE followed by western blot with 67298-1-Ig (LIAS antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.