

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MBP-Tag



Numéro de catalogue: 15089-1-AP

23 Publications

Informations de base

Numéro de catalogue:

15089-1-AP

Taille:

150ul , Concentration: 650 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0942

Numéro d'acquisition GenBank:

Identification du gène (NCBI):

Nom complet:

MW calculé

40 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

Applications

Applications testées:

WB, ELISA

Demandes citées:

CoIP, ELISA, IF, IHC, WB

Spécificité de l'espèce:

Protéine recombinante

Espèces citées:

rat

Contrôles positifs:

WB : piste1 : MBP-NOL6 64 kd ; piste2 MBP 42 kd, Protéine recombinante

Informations générales

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. Maltose binding protein (MBP) is the 370 amino acid product of the E.coli mal E gene. MBP is a useful affinity tag that can increase the expression level and solubility of the resulting tagged protein. The MBP tag also promotes proper folding of the attached protein. Plasmid vectors have been constructed utilizing the MBP domain that allow the synthesis of high levels of MBP-fusion proteins that can be purified in a one step procedure by affinity chromatography cross linked amylose resin. Once bound to amylose, the MBP protein can then be separated from the target protein by cleavage by coagulation Factor Xa at a specific four residue site. Alternatively, the intact fusion protein can be specifically eluted from the resin by the addition of excess free maltose. Subsequent to elution, MBP fusion protein can be visualized either by western blot analysis or immunoprecipitation using antibodies specific for the MBP-tag. This antibody recognizes MBP (Maltose binding protein) TAG in some expression systems.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhaoyang Li	31666698	Nature	
Baocheng Yang	31657525	J Biophotonics	
Di Zhan	33075801	Pediatr Res	IHC

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.

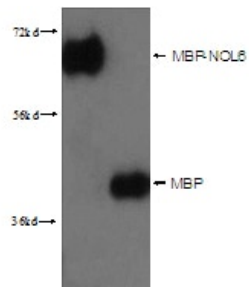
For technical support and original validation data for this product please contact:

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



lane1: MBP-NOL6 64kd; lane2 MBP 42kd were subjected to SDS PAGE followed by western blot with 15089-1-AP (MBP-Tag Antibody) at dilution of 1:3000.