

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TMX4



Numéro de catalogue: 21348-1-AP

2 Publications

## Informations de base

Numéro de catalogue: 21348-1-AP	Numéro d'acquisition GenBank: BC033787	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 750 µg/ml by Nanodrop and 560 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 56255	Dilutions recommandées: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200
Hôte: Lapin	Nom complet: thioredoxin-related transmembrane protein 4	
Isotype: IgG	MW calculé: 349 aa, 39 kDa	
Immunogen Catalog Number: AG15696	MW observés: 40-45 kDa	

## Applications

Applications testées:  
FC, IF, IHC, WB, ELISA

Demandes citées:  
IF, 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 : tissu cérébral de souris, cellules A375, cellules L02, tissu cardiaque humain

IHC : tissu cérébral humain, tissu testiculaire humain

IF : cellules HepG2,

## Informations générales

TMX4(Thioredoxin-related transmembrane protein 4) is also named as KIAA1162, TXNDC13. It is a type I transmembrane protein, with a Trx-like domain facing the ER lumen and may be to enable protein folding in cooperation with these proteins consisting of folding complex in the ER. It could work as a reductase in the environment of the ER(PMID: 20056998). The full length protein has a 23 amino acid signal peptide. This antibody is specific to TMX4.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Marika K Kucińska	37311770	Nat Commun	WB, IF
Wang Gaigai G	24191733	J Proteome Res	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.

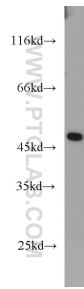
For technical support and original validation data for this product please contact:

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

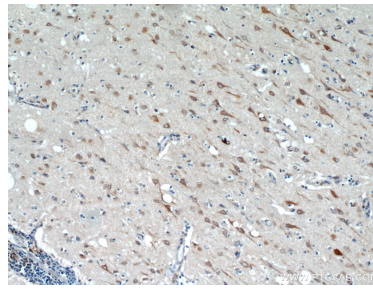
E: proteintech@ptglab.com  
W: ptglab.com

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

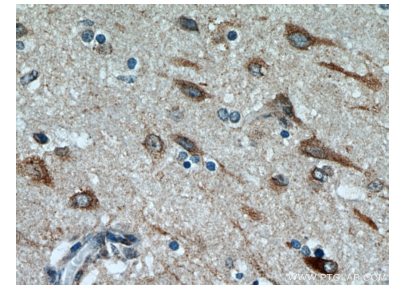
## Données de validation sélectionnées



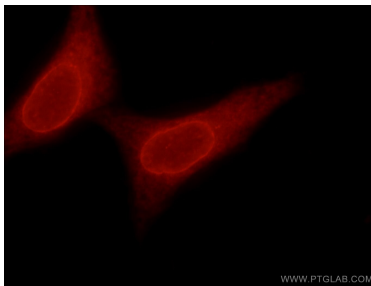
mouse brain tissue were subjected to SDS PAGE followed by western blot with 21348-1-AP (TMX4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



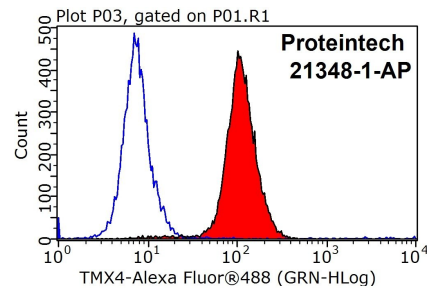
Immunohistochemical analysis of paraffin-embedded human brain using 21348-1-AP (TMX4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 21348-1-AP (TMX4 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 21348-1-AP (TMX4 antibody) at dilution of 1:50 and Rhodamine-labeled goat anti-rabbit IgG (red).



1X10<sup>6</sup> HepG2 cells were stained with .2ug TMX4 antibody (21348-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.