

Allgemeine Informationen

Katalog-Nr.: 21348-1-AP	GenBank-Zugangsnummer: BC033787	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 750 µg/ml von Nanodrop und 560 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 56255	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:20-1:200 IF 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: thioredoxin-related transmembrane protein 4	
Isotyp: IgG	Berechnete Masse: 349 aa, 39 kDa	
Immunogen Katalognummer: AG15696	Beobachtete Masse: 40-45 kDa	

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, WB, ELISA	Positivkontrollen: WB : Maushirngewebe, A375-Zellen, humanes Herzgewebe, L02-Zellen IHC : humanes Hirngewebe, humanes Hodengewebe IF : HepG2-Zellen,
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wang Gaigai G	24191733	J Proteome Res	WB

Lagerung

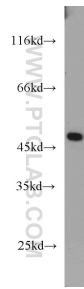
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

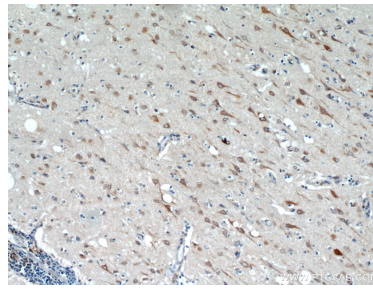
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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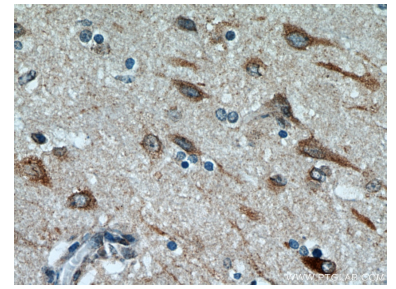
Ausgewählte Validierungsdaten



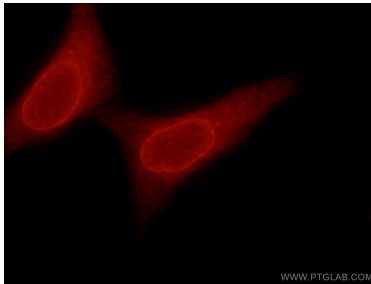
mouse brain tissue were subjected to SDS PAGE followed by western blot with 21348-1-AP (TMX4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



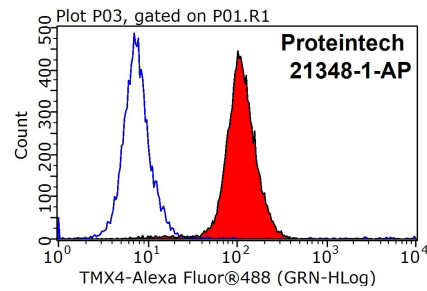
Immunohistochemical analysis of paraffin-embedded human brain using 21348-1-AP (TMX4 antibody) at dilution of 1:50 (under 10x lens).



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 and Rhodamine-labeled goat anti-rabbit IgG (red).



1X10⁶ 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.